

DAVID B. KIEDA

PERSONAL DATA

Address: University of Utah
Physics Department
201 James Fletcher Building
Salt Lake City, Utah 84112

Phone: (801) 581-6926 (work)
(801) 518-2548 (cell)

Email: dave.kieda@utah.edu

Born: Johnson City, New York

Citizenship: USA

EDUCATION

University of Pennsylvania, Philadelphia (1982-1989)
Ph.D. in Experimental Astrophysics (February 1989)
Thesis Title: "Cosmic Ray Composition and Muon Decoherence
Near the Knee of the All-Particle Spectrum"
Advisors: Prof. Kenneth Lande
Prof. Michael Cherry
Prof. Raymond Davis, Jr.

Massachusetts Institute of Technology (1978-1982)
S.B.; Physics
Thesis Title: "Magnetic Field Effects in Superconductors
and SQUIDS"
Advisors: Prof. M. L. A. MacVicar
Prof. J. Bostock

APPOINTMENTS

| | |
|----------------|---|
| 2021–present | Distinguished Professor Department of Physics and Astronomy University of Utah |
| 2013–present | Dean, The Graduate School University Accreditation Liaison Officer University of Utah |
| 2007–2013 | Chair, Department of Physics University of Utah |
| 2002–2021 | Professor, Physics Department University of Utah |
| 1996–2002 | Associate Professor, Physics Department University of Utah |
| 1990–1996: | Assistant Professor, Physics Department University of Utah |
| 1989–1990: | Research Associate, Physics Department University of Utah |
| 1983–1989: | Research Assistant, Physics Department University of Pennsylvania |
| 1982–83, 1987: | Teaching Assistant, Physics Department University of Pennsylvania |
| 1984: | Instructor, Physics Department South Dakota School of Mines and Technology |

MEMBERSHIPS AND PROFESSIONAL AFFILIATIONS

Sigma Xi Scientific Research Honor Society
Fellow, American Physical Society (Astrophysics, Particles and Fields Divisions)
American Astronomical Society
Phi Kappa Phi Honor Society

COURSES TAUGHT

Physics 1980 (Undergraduate Seminar) - Spring 2008-2013
Physics 1970 (Undergraduate Seminar) - Fall 2007-2012
Physics 361 (Electronics I for Instrumentation) - Autumn 1997
Physics 362 (Electronics I for Instrumentation) - Winter 1998
Physics 363 (Electronics III for Instrumentation) - Spring 1998
Physics 3610 (Electronics I for Instrumentation) - Autumn 1998-1999
Physics 3620 (Electronics II for Instrumentation) - Spring 2002-2005, 2010, 2013
Astronomy 3060/Physics 3060 (Introduction to Stellar
Astrophysics) - Autumn 2006

Astronomy 4080/Physics 4080 (Introduction to Cosmology) - Autumn 2007,
 Autumn 2008, Summer 2011
 Physics 3719 Undergraduate Research Experience- Summer 2006-2009, Fall 2010-2011
 Physics 3740 (Relativity and Quantum Mechanics) - Fall 2003
 Physics 3910 (Applied E&M: Physics of Modern Technology) -Autumn 2000
 Physics 3920 (Applied Quantum Mechanics: Physics of
 Modern Technology) -Spring 2001
 Physics 545 (Intermediate Quantum Mechanics) - Autumn 1993
 Physics 546 (Intermediate Quantum Mechanics II) - Winter 1994
 Astronomy 5590/Physics 5590 (Introduction to
 Stellar Astrophysics) - Autumn 2004, 2006, 2008, Spring 2011
 Astronomy 5580/Physics 5580 (Extragalactic Astronomy and
 Cosmology) - Autumn 2007
 Physics 562 (Electronics II for Instrumentation) - Winter 1991-1993,
 1995-1997
 Physics 563 (Electronics III Computer Interfacing) - Spring 1991-1997
 Physics 561 (Electronics I for Instrumentation) - Autumn 1991-1992,
 1994-1997
 Physics 5610 (Electronics I for Instrumentation) - Autumn 1998-1999
 Physics 5620 (Electronics I for Instrumentation) - Spring 1999-2000
 Physics 6620 (Electronics II for Instrumentation) - Spring 2002-2006, 2010, 2013
 Physics 6950 (Radiation Processes in Relativistic
 Astrophysics) - Spring 2003
 Physics 6950 (Quantum Mechanics and Relativity for
 Secondary School Teachers)- Spring 2018
 MBIOL 7570 (Case studies and Research Ethics) - 2013-2019 (guest-lecturer)
 OSHER 675 (The Way Things Work) - Fall 2009
 OSHER 163 (Frontiers of Physics and Astronomy) - Spring 2010
 OSHER 748 (Six Nobel Prizes, Six Utah Stories) - Spring 2015,
 Spring 2016, Spring 2018
 CMP 3850 (Dark Sky Studies) - Fall 2019, Fall 2020 (guest-lecturer)
 Faculty Lecturer, University of Utah Research Education
 Grant Writing Academy, Deer Valley, Utah
 2015, 2016, 2017, 2018, 2019, 2020. 2021

DEPARTMENT COMMITTEES

Graduate Council Seven Year Review Committee 2021-2022
Chairman, Department of Physics and Astronomy, 2007-2013
Postdoctoral Affairs 2016-2017
 Chairman 2016-2017
Program Standards and Assessment 2014-2015
New Building Task Force 2014-2015
Development Task Force 2013-2017
Honors/Awards Committee (Faculty/Staff) 2004-2005, 2006-2007, 2013-2023
 Chairman 2020-2023
Student Service and Student-Faculty Relationships Committee 2001-2002
Astronomy Initiative 2005-2007
Policy Board 1997-1998, 1999-2002, 2003-2004, 2006-2007, 2016-2017
Medical Physics Committee 1995-1999
Electronics Facility Committee 2003-2004
New Building Committee 1996-1997
Curriculum/TA Evaluation Committee 2003-2005
RPT Criteria Review 2006-2007
Honors/Awards Committee (students) 2006-2007
Computer Facilities/Electronics Shop Committee 1997-1998
Ad hoc Committee on Research Faculty (1999-2000)
Ad hoc Committee on Research Faculty Review (2003-2004)
Shop Facilities Committee 1996-1997
 Chairman, 1996-1997
Admissions Committee 1992-1996,1998-2003, 2006-2007
 Chairman 2000-2003
Director of Graduate Studies, Physics Department 2006-2007
Research Council 1990-1994,1998-1999
 Chairman 1991-1994,1998-1999
Graduate Student Counseling 1991-1993,1998-2007
Solid State Faculty Search Committee 1993-1994
Medical Physics Faculty Search Committee 1997-1999
Gamma Ray Astrophysics Faculty Search Committee 1999-2000
 Chairman 1999-2000
Gamma Ray Astrophysics Faculty Search Committee 2002-2003
 Chairman 2002-2003

Solid State Physics Faculty Search Committee 2003-2004
Gamma Ray Astrophysics Faculty Search Committee 2003-2004
 Chairman 2003-2004
High Energy Astrophysics Faculty Search Committee 2004-2005
 Chairman 2004-2005
High Energy Physics Faculty Search Committee 2000-2001, 2005-2006
Masters of Instrumentation Restructuring Committee 1995-1996
Ad hoc Committee on Research Faculty Appointment Policy 2005-2006
Instrumentation Grad Advisor 1998-2000,2001-2007
Colloquium Committee 1990–1991
Space Committee 2000-2004
 Chairman 2003-2004
Futures Committee 2002-2003
 Chairman 2002-2003
Physics Astronomy Observatory Committee 2000-2001
Task Force for Applied Physics (Physics of Modern Technology) Program
 (Undergraduate and Graduate) 1998-2003
Curriculum/TA Evaluation 2003-2004
RPT Committees
 Chairman, Adjunct Faculty 1990-1991
 Chairman, Research Associates 1991-1992, 1993-1995, 1999-2000
 Various Faculty members, 1996-2007, 2014-present
 Chairman, Research Associate Professors 1998-1999

UNIVERSITY COMMITTEES

Presidential Task Force on Graduate Student Support (2023)
Co-chair

Deep Technology Initiative (2023)

University Academic Centers and Institutes Steering Committee (2021-present)
Co-chair

Lecturere and Mentor, US-AID/HESSA Pakistan Project (2022-2027)

Chief Global Officer Search Committee (2020-2021)

Project Marmalade (COVID-19) Taskforce (2020-2022)

University Accreditation Steering Committee, Co-Chair (2014-2018), Chair (2018-present)

University Curriculum Fee Committee (2014-present)

University Curriculum Policy Review Board (2014-present)

Academic Senate Graduate Assembly Committee (2019-2020, 2022-2023)

Union Scholarship Committee (2021)

Dean of Flexible Online Learning and
Continuing Education Search Committee (2019-2020)

Master of Interdisciplinary Studies Study Group
Co-Chairman (2019-2021)

Academic Senate Centers, Institutes and
Bureaus Policy Committee:CIB2 (2018-2020)

Campus Budget Advisory Committee (2014-2023)

Graduate Education Study Group (2016-2017)

Graduate Student Support Study Group (2015-2016)

Founder and Co-Chair, Consortium for Dark Sky Studies (2016-present)

Chair, Search Committee, PMST Program Director (2022)

Chair, Search Committee, Associate Dean for Graduate Diversity (2021-2022)

Dean's Search Committee, College of Social Work (2014-2015)

Dean's Search Committee, College of Science (2013-2014)

Dean's Search Committee, College of Architecture and Planning (2013-2014)

Dean's Search Committee, College of Social and Behavioral Science (2013-2014)

Crocker Science Center Executive Committee (2013)

Presidential Taskforce on K-12 Math and Science Preparation (2013-2014)

Search Committee, Senior VP for Academic Affairs (2012-2013)

Advisory Board, Middle East Center (2011-2013)

University Conflict of Interest Committee (2012-2013)

Co-Chair, Search Committee, Associate VP for Faculty (2010-2011)

Chairman, Internal Graduate Review,
 Atmospheric Sciences Department (October 2010)
 Director, Utah High Energy Astrophysics Institute (2000-2008)
 University Research Committee 1992-1995
 Chairman 1994-1995
 Chairman, Faculty Fellowship Awards 1993-1994
 University Research Instrumentation Committee 1994-1995
 University RPT Standards Committee 2006-2007
 Academic Freedom and Tenure Committee 1995-1998, 2005-2007
 Chairman 1997-1998
 RPT PPM Revision ad hoc Committee 2002-2005
 Academic Policy Advisory Committee 1998-2002
 ad hoc Committee for AFTC/FHC/University
 Promotion/tenure Review 1998-2002
 RPT Task Force 1999-2005
 Chairman 1999-2005
 Academic Senate 2001-2004, 2006-2009
 Library Policy Advisory Committee 2003-2006
 Chairman, 2004-2006
 Professional Master's of Science and Technology (PMST) Program
 Executive Director (2013-present)
 Scientific Instrumentation Track Director 2001-2005, 2006-2007
 Executive Committee 2002-2005, 2006-2007, 2013-present
 Curriculum Chairman 2002-2005, 2006-2007
 Academic Appeals and Misconduct Committee,
 Ethnic Studies Program 2003-2006
 Consolidated Hearing Committee 2006-2012
 University Standards and Appeals Committee 2006-2009
 University Hearing Committee 2006-2012
 University Studies Committee 2004-2007

REGIONAL and NATIONAL COMMITTEES/PANELS/SERVICE

Innovations in Graduate Education (IGE)
 Hub Advisory Committee
 Council of Graduate Schools
 2021-2024
 Membership Committee
 Council of Graduate Schools
 2021-2024
 Chair (2022-2024)

Forum on Graduate Studies
American Physical Society
Executive Committee
2023-2023

AFRL-UREP Research Program Reviewer
USRA
Houston, TX
February 2022

National Science Foundation
NSF Research Traineeship Review Panel
May 2021

Sloan Foundation Innovation Awards
Physics and Astronomy Panel
November 2020

Particle Astrophysics and Gravitational Panel
Decadal Survey on Astronomy and Astrophysics (Astro 2020)
National Academy of Sciences
Washington, DC
October 2019-2022

National Science Foundation
MPS-AC Physics Frontiers Center Program Review Committee
Sept 2018-July 2019

National Science Foundation
Accelnet Review Panel
May 2020, January 2023

US Department of Energy, LZ Project Independent Review Panel
January 2019
August 2020

National Science Foundation, Extremely Large Telescope (ELT) Review Panel
December 2019, December 2022

National Science Foundation, LSST Construction & Operations Review Panel
December 2018
April 2020

US Department of Energy, DESI Construction Review Panel
November 2018

US Department of Energy, DESI CD-04 Review Panel
Feb 2018

US Department of Energy, DESI CD-03 Review Panel
May 2016

US Department of Energy, DESI CD-02 Review Panel
July 2015

National Science Foundation Physics Frontiers Center Panel
October 2013, October 2016, May 2017

NASA NICER Observatory
Cycle 3 Review Committee(January 2021)
Cycle 4 Review Committee (January 2022)

NASA NuStar Observatory
Cycle 1 Review Committee(February 2015)
Cycle 2 Review Committee(February 2016)
Review panel Chair
Cycle 4 Review Committee(March 2018)
Review panel Chair

FERMI User's Group Committee (2015-2020)

NASA APRA/SAT Review Panel
June 2014, June 2015, May 2016, March 2021, March 2023

US Department of Energy, Cosmic Frontiers Review Panel
November 2012
November 2013

NASA 2014 Senior Review Panel
April 2014

Chairman/Organizer, AAS Astronomy Chair's Meeting
November 3, 2012
Chicago, IL

NASA PCOS X-Ray Surveyor Study Team (2016-2017)

NASA FERMI (GLAST) Observatory
Cycle 14 Review Committee (April 2021)
Cycle 13 Review Committee (May 2020)
Review Panel Chair
Cycle 12 Review Committee (April 2019)
Cycle 8 Review Committee (April 2015)
Review Panel Chair
Cycle 7 Review Committee (April 2014).
Review Panel Chair
Cycle 6 Review Committee (March 2013).
Review Panel Chair
Cycle 5 Review Committee (April 2012).
Review Panel Chair
Cycle 4 Review Committee (April 2011).
Cycle 1 Review Committee (December 2007)

NASA SWIFT Observatory
Cycle 9 Review Committee (December 2012).
Review Panel Co-Chair
Cycle 7 Review Committee (December 2010).
Review Panel Chair
Cycle 5 Review Committee (January 2009).
Review Panel Chair
Cycle 2 Review Committee (September 2005).

NSF Graduate Research Fellowship Review panel (2014-2023)

NASA SMEX Program
Science Review Panel (March 2008).

NASA MIDEX Program
Chair, Fundamental Physics Science Panel (April 2011)

RXTE Observatory
Cycle 14 Review Committee (October 2009).
Review Panel Chair
Cycle 11 Review Committee (November 2005).
Review Panel Chair
Cycle 10 Review Committee (November 2004).
Cycle 8 Review Committee (February 2003).

NASA Suzaku Observatory
Cycle 1 Review Committee (March 2006).

ICECUBE Observatory
External Review Panel (May 2007)

NASA Compton Gamma Ray Observatory
Cycle 9 Review Committee (July 1999).
Cycle 8 Review Committee (July 1998).
Cycle 7 Review Committee (August 1997).
Cycle 6 Review Committee (June 1996).
Cycle 5 Review Committee (May 1995).
Cycle 4 Review Committee (June 1994).

Workshop on Stellar Intensity Interferometry Astronomy
Co-Chair, Organizing Committee
Ohio State University (CCAP)
Columbus, Ohio
May 2023

26th International Cosmic Ray Conference
Organizing Committee, Co-Chairman (1993-2000).
Session Chair
Salt Lake City, Utah
August 17-25, 1999

October 2002 Four Corners APS meeting
Organizing Committee, Chairman (2000-2002).
Salt Lake City, Utah
October 4-5, 2002

October 2018 Four Corners APS meeting
Organizing Committee, Chairman (2016-2018).
Program Committee
University of Utah
Salt Lake City, Utah
October 12-13, 2018

First International Workshop on Air Fluorescence
Organizing Committee (2002).
Salt Lake City, Utah
October 6-8, 2002

Organizer, Southern Utah Observatory Workshop
Salt Lake City, Utah
June 26, 2006

Organizer, Stellar Intensity Interferometry Workshop
Salt Lake City, Utah
January 29-30, 2009

First Light Workshop
Scientific Organizing Committee
Amado, Arizona
April 27-28, 2007

Organizer, AGIS Workshop
Salt Lake City, Utah
November 13-14, 2009

Co-Organizer, SDSS-III/BOSS Collaboration Meeting
Salt Lake City, Utah
March 8-10, 2010

Chairman, Organizing Committee
Snowbird Particle Astrophysics, Astronomy and Cosmology Workshop 2009
(SnowPAC2009)
February 1-7, 2009
Snowbird, Utah

Chairman, Organizing Committee
Snowbird Particle Astrophysics, Astronomy and Cosmology Workshop 2010
(SnowPAC2010)
March 23-28, 2010
Snowbird, Utah

Co-Chairman, Local Organizing Committee
SnowCluster Workshop 2010
March 29- April 2, 2010
Snowbird, Utah

Chairman, Organizing Committee
Snowbird Particle astrophysics, Astronomy and Cosmology Workshop 2011
(SnowPAC2011)
January 30-Feb 5, 2011
Snowbird, Utah

Co-Chairman, Organizing Committee
Snowbird Particle Astrophysics, Astronomy and Cosmology Workshop 2012
(SnowPAC2012)
March 18-23, 2012
Snowbird, Utah

Co-Chairman, Organizing Committee
Snowbird Workshop on Dark Matter Observations through Gamma Rays 2012
(SnowDOG2012)
March 24-26, 2012
Snowbird, Utah

Co-Chairman, Organizing Committee
Black Hole Fingerprints: Dynamics, Disruptions & Demographics 2013
(SnowPAC2013)
March 17-23, 2013
Snowbird, Utah

Co-Chairman, Organizing Committee
Physics of Galaxy Clusters 2013
(SnowCluster2013)
March 24-29, 2013
Snowbird, Utah

Co-Chairman, Organizing Committee
Signatures of Non-WIMP Dark Matter 2013
(SnowDark2013)
March 22-25, 2013
Snowbird, Utah

Co-Chairman, Organizing Committee
The Gamma-Ray Astronomy Retrospective
(TrevorFest 2013)
October 26, 2013
Tucson, AZ

Co-Chairman, Organizing Committee
Physics of Galaxy Clusters 2015
(SnowCluster2015)
March 15-20, 2015
Snowbird, Utah

Co-Chairman, Local Organizing Committee
The Galaxy-Halo Connection 2016
(SnowPAC 2016)
March 13-18, 2016
Snowbird, Utah

Co-Chairman, Local Organizing Committee
Snowbird Lyman-Alpha Workshop 2017
(SnowCLAW2017)
March 19-24, 2017
Snowbird, Utah

Co-Chairman, Local Organizing Committee
Physics of Galaxy Clusters 2018
(SnowCluster2018)
March 18-23, 2018
Snowbird, Utah

Co-Chairman, Local Organizing Committee
Artificial Light at Night 2018
(ALAN 2018)
November 11-14, 2018
Snowbird, Utah

Chairman, Local Organizing Committee
Utah VERITAS Meeting
Salt Lake City, Utah
June 17-19, 2019

Chairman, Local Organizing Committee
CTA-US Meeting
Salt Lake City, Utah
June 20-22, 2019

Local Organizing Committee
pSCT Telescope Inauguration
Tucson, AZ
Jan 17-18, 2019

Scientific Organizing Committee
VERITAS Ten Year Celebration
Tucson, AZ
Jun 28-29, 2017

Program Committee
4 Corners APS 2009 Meeting
Colorado School of Mines
Golden, CO
October 23-24, 2009

Local Organizing Committee
4 Corners APS 2010 Meeting
Weber State University
Ogden, UT
October 14-15, 2010

Program Committee
4 Corners APS 2011 Meeting
University of Arizona
Tucson, AZ
October 21-22, 2011

Local Organizing Committee
4 Corners APS 2016 Meeting
New Mexico State University
Las Cruces, NM
October 21-22, 2016

Program Committee
4 Corners APS 2017 Meeting
Colorado State University
Fort Collins, CO
October 20-21, 2017

Local Organizing Committee
Program Committee
SACNAS Symposium: Our Disappearing Dark Skies: Lost Dreams
and Impacts on Ecology, Environment, and Society
SACNAS 2017 Meeting
Salt Lake City, UT
October 19, 2017
Co-Organizer, Utah HAWC Meeting
Salt Lake City, Utah
February 9-12, 2015
Co-Organizer, Fermi-VERITAS-HAWC Workshop
Salt Lake City, Utah
April 20-22, 2016
Program Committee, Utah Air Fluorescence Workshop
Salt Lake City, Utah
March 4-7, 1996
Chairman, Air Cherenkov Design Group
Giant Airshower Detector Design Group
Fermilab (Batavia, Il 1995)
Organizer, Utah TeV Gamma Ray Workshop
Snowbird, Utah
August 14-16,1999
Organizer, Utah Auger Meeting
Park City, Utah
May 8-13, 1997
Reviewer, Western Governor's University EPIC Standards Panel (2009)
Reviewer, National Science Foundation
Reviewer, Department of Energy
Reviewer, Department of Energy ARRA Program (2009)
Reviewer, Europhysics Letters
Reviewer, Astroparticle Physics
Reviewer, J. Phys. G., Rev. Mod. Phys.
Reviewer, Nature
Reviewer, Classical and Quantum Gravity
Reviewer, Monthly Notes of the Royal Astronomical Society
Reviewer, Annals of the New York Academy of Science
Reviewer, Symmetry
Reviewer, Universe
Editorial Board, Universe (2022-present)
Reviewer, NASA Postdoctoral Fellowship Program (2013-present)
Reviewer, NASA EPSCOR Program
Reviewer, Foundation for Polish Science

Reviewer, Czech Science Foundation
 Reviewer, Japan Science Foundation
 Reviewer, Dutch Research Council
 Reviewer, Civilian Research Development Foundation (CRDF)
 Executive Committee, VERITAS Gamma Ray Observatory 1997-2024
 Chair, VERITAS Executive Committee (2012-2014, 2020-2024)
 Camera Group Leader, VERITAS project (2005-2008)
 Project Engineer, SCT Telescope Project (2012-2023)
 VERITAS Upgrade Leader, VERITAS Observatory (2009-2020)
 Executive Committee, CTA-US Collaboration (2016-present)
 Intensity Interferometry Science Working Group, CTA Observatory
 Working Group Leader (2019-2020)
 Deputy Working Group Leader (2018).
 Editorial Board, ISRN Astronomy and Astrophysics (2011-2013)
 Editorial Board, Universe (2021-2024)
 Session Chair at many conferences
 American Physical Society, Four Corners Section
 Past-Chairman (2010-2011)
 Chairman (2009-2010)
 Vice Chair (2008-2009)
 Chair Elect (2007-2008)
 Executive Committee (2002-2005)
 Project ASTRO (Astronomer-teacher partnership for hands-on
 6th grade science education) 1997-2000
 ASPIRE Science in Service (WWW-based educational lessons for
 6th-12th grade students) 1997-2000
 Judge, Conrad Foundation *Spirit of Innovation Challenge* (2013)
 MIT Education Council 1995-2023
 Kol Ami School Board 2003-2008
 Team Mentor, FIRST Robotics Team 3006 (West High School) 2008-2017
 External Advisory Committee, Utah First Robotics
 September 2019-present
 Associate Team Mentor, FIRST Robotics Team (East High School) 2011-2012
 College Board Review Panel, AP Physics 1/Physics 2 Standards (2011)
 Steering Committee, Canyons School District, National Center for
 Earth and Space Science Education (NCSSE) November 2010

Short Term Visits to Other Institutions

F. L. Whipple Observatory, Amado, AZ June 2004-August 2004
F. L. Whipple Observatory, Amado, AZ May 2005-August 2006
F. L. Whipple Observatory, Amado, AZ July 2008-August 2008
F. L. Whipple Observatory, Amado, AZ June 2009-August 2009
F. L. Whipple Observatory, Amado, AZ July 2010-August 2010
F. L. Whipple Observatory, Amado, AZ July 2011-August 2011
F. L. Whipple Observatory, Amado, AZ June 2012-August 2012
Alexandria University, Alexandria, Egypt November 2015
University of Arizona, Department of Astronomy
Visiting Scholar (August 2005-August 2006).

Citations and hIndex (Feb 2023)

33363 citations (total)
13125 citations (since 2018)
h-index 82
i-index 253

Honors and Recognition

Distinguished Professor, University of Utah (2021)
Dark Sky Defender Award, International Dark Sky Association (2017)
University of Utah Distinguished Scholarly and Creative Research Award (2013)
Utah Governor's Medal for Science and Technology (2013)
Fellow, American Physical Society (2011)
ASUU Student Choice Teaching Award (2007)

GRANTS AND AWARDS:

Funding Summary

\$31.0M in external funding
\$2.2M internal funding
\$17.2M as PI
\$15.5M as Co-PI
\$33.2M in total funding

Specific External Funding Awards

- "Student Travel Support for CCAPP
Stellar Intensity Science Workshop (April 25-28, 2022)"
Oak Ridge Association of Universities
Sep 15, 2021- June 1, 2022 (\$4000)
- "MRI Consortium: Development of Upgraded Stellar Intensity Interferometry
Instrumentation for the VERITAS Observatory"
NSF Grant #PHY 2117641
Sept .1, 2021-Aug. 31, 2024 (\$399,774 NSF, \$171,332 UU Matching)
- "University of Utah Particle Astrophysics Research Group
Grant (VERITAS, HAWC, CTA)"
NSF Grant #PHY 2111531
Aug 11, 2021-Aug 10, 2024 (\$1,200.423)
- "Illuminating Dark Skies Studies: A Transdisciplinary Focus on the Disappearing Dark"
W. M. Keck Foundation
January 2019-January 2020 (\$250,000)
Co-PI
- "MRI Consortium: Development of a Wide Field-of-View Camera
for the Schwartzchild-Couder Gamma-Ray Telescope,"
Utah Subcontract (Barnard College)
NSF Grant #PHY 1821868
Sep 1, 2018-Aug 31, 2021 (\$129,875)
- "Particle and Gamma-Ray Astrophysics with HAWC/VERITAS (Utah Group Grant)"
NSF Grant #PHY 1807029
Aug 1, 2018-July 31, 2021 (\$745,000)
- "RAPID Opportunity for U/V band stellar imaging using Intensity
Interferometry with the VERITAS Observatory)"
NSF Grant #AST 1806262
Feb 1, 2018-Jan 31, 2019 (\$133,591)
- "Gamma-Ray Astronomy and Cosmic-ray Astrophysics with the VERITAS
and HAWC Observatories (University of Utah Group)"
NSF Grant #PHY 1510504
July 15, 2015-July 15, 2018 (\$965,205)
- "Support for the 2015 SnowCluster Workshop
NSF Grant #AST 1463660
- "Support for the 2018 SnowCluster Workshop
NSF Grant #AST 1806136
March 1, 2018-Feb 28, 2019 (\$20,500)
- "University of Utah Institutional Membership
Sloan Digital Sky Survey IV"
Willard L. Eccles Foundation
June 2013-June 2018 (\$350,000)

- “Support for the 2013 SnowPAC Workshop
NSF Grant #AST 1304046
Jan 1, 2013-Jan 1, 2014 (\$8200)
- “REU Physics and Astronomy at University of Utah”
NSF Grant #PHY 1263394
May 1, 2013-May 1, 2015 (\$233,433)
- “Collaborative research: MRI Consortium: Development of a Novel Telescope
for Very High Energy Gamma-Ray Astrophysics”
UCLA Subcontract of NSF Award
October 1, 2012-October 1, 2015 (\$42,000 NSF, \$18,000 UU Matching)
- “Summer REU Exchange Program
Jazan University, Saudi Arabia
Jun 1, 2012-Aug 1, 2012 (\$19905)
- “Public Education and Outreach in Astronomy”
Willard L. Eccles Foundation
July 2012-July 2013 (\$100,000)
- “Gamma Ray Astronomy and Particle Astrophysics (Univ. of Utah Group)”
NSF Grant #PHY 1207595
June 15, 2012-June 15, 2015 (\$1,188,000)
- “Support for the 2012 SnowPAC Workshop
NSF Grant #AST 1221024
March 1, 2012-March 1, 2013 (\$8200)
- “Participant Support for 2011 Snowbird Workshop on
Particle Astrophysics, Astronomy, and Cosmology”
NSF Grant #PHY 1108877
February 28, 2011-February 28, 2012 (\$8000)
- “MRI-R2 Consortium: Development of Improved Instrumentation for the
VERITAS Gamma-Ray Observatory”
NSF Grant #PHY0960242
April 2010-April 2015(\$1,633,490 NSF,\$544,268 UU Matching)
- “Utah HAWC Subcontract”
Los Alamos National Lab
December 2009-December 2011 (\$20,000)
- “Participant Support for 2010 Snowbird Workshop on
Particle Astrophysics, Astronomy, and Cosmology”
NSF Grant #PHY 0959055
September 2009-September 2010 (\$5000)
- “Participant Support for 2009 Snowbird Workshop on
Particle Astrophysics, Astronomy, and Cosmology”
NSF Grant #PHY 0917846
March 2009-March 2010 (\$5000)

- “Gamma Ray Astronomy and Astrophysics with the VERITAS Observatory”
 NSF Grant #PHY 0856411
 July 2009-July 2012 (\$999,146)
- “University of Utah Institutional Membership
 Sloan Digital Sky Survey III”
 Willard L. Eccles Foundation
 August 2008-August 2012 (\$450,000)
- “Facilities for Public Outreach with the Southern Utah Observatory”
 K. W. Dumke and E. R. Dumke Foundation
 July 1, 2007- June 31, 2008 (\$160,000)
- “VERITAS Operations: Utah Subcontract”
 Harvard-Smithsonian Astrophysical Observatory
 January 1, 2007 -Sept 30, 2012 (\$200,850)
- “GeV/TeV Astrophysics Research using the VERITAS Observatory”
 National Science Foundation
 NSF Grant #PHY 055545
 August 1, 2006 -August 31, 2009 (\$900,000)
- “Proposal to Build a High Altitude Observatory in Southern Utah
 for Research and Education”
 Willard L. Eccles Foundation
 August 2006-August 2009 (\$600,000)
- “GeV-TeV Gamma Ray Astronomy and Cosmic Ray Physics with Whipple/VERITAS”
 National Science Foundation
 NSF Grant #PHY 0540962 (supplemental grant)
 August 1, 2005 -August 31, 2006 (\$29,590)
- “GeV-TeV Gamma Ray Astronomy and Cosmic Ray Physics with Whipple/VERITAS”
 National Science Foundation
 NSF Grant #PHY 0099580
 August 1, 2003- August 31, 2006 (\$640,001)
- “Collaborative International Research on High Resolution Charge Measurements
 with Direct Cherenkov Light
 National Science Foundation
 NSF Grant #PHY 0244759
 August 1, 2003- August 31, 2005 (\$85,000)
- “Utah-VERITAS Observatory Construction (NSF)”
 Harvard-Smithsonian Astrophysical Observatory
 July 2003-July 2008 (\$606,294)
- “Proposal to Develop and Undergraduate program in
 Experimental/Observational Astronomy”
 Willard L. Eccles Foundation
 October 2000 (\$88,000)

- “Development and Acquisition of Electronic Instrumentation for VERITAS Consortium Array of High Energy Gamma-Ray Telescopes”
NSF Major Research Instrumentation Proposal
NSF Grant #PHY 0079704
August 2000-August 2005 (\$364,167 NSF, \$156,071 UU matching)
- “Development of Calibration Systems for the VERITAS Observatory”
Smithsonian (DOE Subcontract)
August 1, 2000-July 1, 2010 (\$75,574)
- “Proposal to Acquire and Analyze Data from the High Resolution Fly’s Eye Detector”
National Science Foundation
June 1999-June 2002 (\$6,328,573)
- “Proposal to Support Utah TeV Workshop”
National Science Foundation
September 1999-September 2000 (\$5,000)
- “Proposal to Support the 26th International Cosmic Ray Conference”
NASA
September 1998-September 2000 (\$20,000)
- “Proposal to Support the 26th International Cosmic Ray Conference”
International Union of Pure and Applied Physics
September 1998-September 1999 (\$14,000)
- “Proposal to Support the 26th International Cosmic ray Conference”
US Department of Energy
September 1998-September 2000 (\$20,000)
- “Proposal to Support the 26th International Cosmic Ray Conference”
National Science Foundation
NSF Grant #PHY 9708210
September 1997-September 2000 (\$30,000)
- “Proposal to Operate and Analyze Data from the Dual Imaging ČerenkovExperiment (DICE)”
National Science Foundation
NSF Grant # PHY 9514193
June 1996-June 1998 (\$44,368)
- “A New Detection Technique for the Observation of ZeV Cosmic Rays”
National Science Foundation
NSF Grant # PHY 9527421
July 1995- July 1997 (\$10,000)
- “Supplemental Grant-Science in Service (ASPIRE)”
National Science Foundation
NSF Grant #PHY 9321949
February 1995-April 1998(\$200,494)

“High Resolution Gamma Ray Source Observations using Lunar Occultation of Sources observed by the BATSE/GRO Detector.”:

NASA Grant #NAG 5-2349

October 1, 1994 - February 15, 1996 (\$14,889)

“Staged Construction Proposal for the High Resolution Fly’s Eye Detector”

National Science Foundation

NSF Grant # PHY 9322298

September 1993 - June 1998 (\$5,154,829)

“Proposal to Operate and Analyze Data from the HiRes and Fly’s Eye Experiments”

National Science Foundation

NSF Grant # PHY 9321949

September 1993 - September 1996 (\$3,076,680)

“Constraints on Gamma Ray Burster (GRB) Source Distances Using *GRO/BATSE* Data in Coincidence with Ground-Based UHE Gamma Ray Detectors”:

NASA Grant #NAG 5-2349

September 1, 1993 - February 15, 1995 (\$16,969)

“A Cosmic Ray Observatory for Ultra-High Energy Processes”:

National Science Foundation

NSF Grant # PHY9119278

January 1, 1992 - August 31, 1994 (\$1,101,996)

“Construction of a High Resolution (HiRes) Eye Detector”:

National Science Foundation

NSF Grant # PHY 9100221

August 1, 1991 - January 31, 1995 (\$2,669,000)

NATO travel grant (1988).

National Science Foundation travel grant (1987).

Specific Internal Funding Awards

- “University of Utah Institutional Membership
Sloan Digital Sky Survey IV”
University of Utah
June 2013-June 2018 (\$350,000)
- “Site Selection studies for the Southern Utah Observatory”
University of Utah Research Foundation
Jan 1, 2007- Dec 31, 2008 (\$28,000)
- “Proposal to Operate the Utah High Energy Astrophysics Institute”
University of Utah Research Foundation
December 2000-December 2005(\$80,000)
- “Proposal for VERITAS Support at the University of Utah”
University of Utah Research Foundation
December 1998-December 2000(\$31,000)
- “University of Utah Auger Project Grant”
University of Utah Research Foundation
April 1997-1998 (\$150,000)
- “Development of a Variable Analog Delay Line for Analog
Signal Processing on a Single Integrated Circuit Chip”
University of Utah Technology Innovation Grant
July 1996-July 1998 (\$75,300)
- “Development of Thin Film Quasicrystal Coatings”
University of Utah Technology Innovation Grant
July 1996-July 1998 (\$90,000)
- “Millard County Educational Outreach for the Auger Project”
U of Utah College of Science
Grant Awarded (\$2000) (1996)
- “Auger Project Development Proposal”
U of Utah College of Science
Grant Awarded (\$30,000) (1996)
- University of Utah Teaching Grant, 2009 (\$3000)
- University of Utah Teaching Grant, 2003 (\$3000)
- University of Utah Faculty Fellow, 2001-2002

PATENTS/TECHNOLOGY TRANSFER DISCLOSURES:

“Surgical Electric Blade Coated With Quasicrystalline Thin Films”, D. Kieda, Thierry Klein, Orest G. Symko
U. of Utah Technology Transfer Disclosure #U-2070

“AlCuFe Quasicrystal Thin Film Coating of Razor Blades”
Thierry Klein, Orest G. Symko, David Kieda
U. of Utah Technology Transfer Disclosure #U-2097

“Formation and Applications of AlCuFe Quasicrystalline Thin Films”
Orest G. Symko, Thierry Klein and David Kieda
U.S Patent #6,294,030 (issued Sept. 25, 2001)

“Formation and applications of AlCuFe quasicrystalline Thin Films”
Ehab Abdol-Rahman, Orest G. Symko, Thierry Klein and David Kieda
U.S Patent #6,712,915 (issued March 30, 2004)

“Variable Analog Delay Line for Analog Signal Processing on a Single Integrated Circuit Chip”
D. Kieda and Michael Salamon,
U. of Utah Technology Transfer Disclosure #U-2282
U.S. Patent #6,222,409 (issued April 24, 2001)

“Resistive Reusable Electrosurgical Return Electrode,”
D. Kieda, R. Fleenor, and J. Issacson
US patent # 6,083,221 (issued July 4, 2000)

“Resistive Reusable Electrosurgical Return Electrode,”
D. Kieda, R. Fleenor, and J. Issacson
European Patent #WO0032122 (issued July 8, 2000)

“Capacitive Reusable Electrosurgical Return Electrode ,”
D. Kieda, R. Fleenor, P. Borgmeier and J. Issacson
U.S. patent #6,214,000 (issued April 10, 2001)

“Pressure Sore Pad Having Self-Limiting Electrosurgical Return Electrode Properties and Optional Heating/Cooling Capabilities ,”
D. Kieda, R. Fleenor, P. Borgmeier and J. Issacson
U.S. patent #6,544,258 (issued April 8, 2003)
British Patent #BR0112779 (issued September 9, 2003)
Canadian Patent #CN1450921 (issued October 22, 2003)
South African Patent #ZA200208241 (issued October 09, 2003)

“Self Limiting Electrosurgical Return Electrode ,”
D. Kieda, R. Fleenor, P. Borgmeier and J. Issacson
European Patent #WO0187175 (issued November 11, 2001)
European Patent #WO03094766 (issued November 20, 2003)

“Self Limiting Electrosurgical Return Electrode ,”
D. Kieda, R. Fleenor, and J. Issacson
U.S. patent #6,545,764 (issued September 24, 2002)

“Self Limiting Electrosurgical Return Electrode ,”
D. Kieda, R. Fleenor, and J. Issacson
U.S. patent #2003040741 (issued February 27, 2003)
“Capacitive Reusable Electrosurgical Return Electrode,”
D. Kieda, R. Fleenor, P. Borgmeier and J. Issacson
European Patent #WO02058579 (issued August 1, 2002)

“Pressure Sore Pad Having Self-Limiting Electrosurgical Return Electrode Properties and Optional Heating/Cooling Capabilities ,”
D. Kieda, R. Fleenor, P. Borgmeier and J. Issacson
European Patent #EP1265672/WO02060526 (issued August 8, 2002)

“Capacitive Reusable Electrosurgical Return Electrode,”
D. Kieda, R. Fleenor, P. Borgmeier and J. Issacson
U.S. Patent #6,582,424 (issued June 24, 2003)

“Self-limiting Electrosurgical Return Electrode ,”
D. Kieda, R. Fleenor, and J. Issacson
U.S. patent #6,666,859 (issued December 23, 2003)
U.S. patent #2003040741 (issued February 27, 2003)
Canadian. patent #CN1452475 (issued October 29, 2003)
British patent #BR0305714 (issued September 28, 2004)
Australian patent #AU769908 (issued February 12, 2004)

“Self Limiting Electrosurgical Return Electrode ,”
D. Kieda, R. Fleenor, P. Borgmeier and J. Issacson
South Africa Patent #ZA200206435 (issued September 5, 2002)

“Self Limiting Electrosurgical Return Electrode ,”
D. Kieda, R. Fleenor, P. Borgmeier and J. Issacson
European Patent #WO03094766 (issued November 20, 2003)
Canadian Patent #CN1620270 (Issued May 25, 2005)
US Patent #7,166,102 (Issued Jan 23, 2007)
US Patent #7,367,971 (Issued May 6, 2008)

“Resistive Reusable Electrosurgical Return Electrode,”
D. Kieda, R. Fleenor, and J. Issacson
NZ Patent #NZ509124 (issued October 31, 2003)

“Resistive Reusable Electrosurgical Return Electrode,”
D. Kieda, R. Fleenor, and J. Issacson
Canadian Patent #CN1328433T (issued December 26, 2001)

“Pressure Sore Pad Having Self-Limiting Electrosurgical Return
Electrode Properties and Optional Heating/Cooling Capabilities ,”
D. Kieda, R. Fleenor, P. Borgmeier and J. Issacson
British Patent #BR0112779 (issued September 9, 2003)

STUDENT THESIS SUPERVISION:

Joshua Bartkoske PhD (in progress)
Ann Duerr PhD (in progress)
Johnathan Davis PhD (in progress)
Brianna Thorpe MS (2022)
Nathan Erikson PMST (2022)
Grace Tan PMST (2022)
Joshua Carroll PMST (2022)
Nolan Matthews PhD (2020)
Michael Newbold MS (2016), PhD (2020)
Ahron Barber MS (2016), PhD (2022)
Payel Kar MS (2016), PhD (2018)
Andy Flinders MS (2016), PhD (2018)
Gary Finnegan PhD (2012)
C. Michelle Hui PhD (2011)
Jose Cordoza M.S. (2011)
Paul Nunez PhD (2012)
Kent Johnson, M.S. & T (2011)
Ben Adams M.S. Instrumentation (2009)
Elvis Poprzenovic M.S. Instrumentation (2008)
J. Ludlow M.S. Instrumentation (2008)
Tate Edwards M.S. & T (2007)
J. Dunford M.S. & T (2007)
T. Hassel, M.S. &T (2007)
Srilalitha Sikharam M.S. & T (2006)
Ann Bracken M.S. & T (2006)
Gordon Stamm M.S. & T (2006)
K. Waller M.S. Instrumentation (2006)
J. Hall PhD (2006)
K. Montrone M.S. &T (2005)
N. Shepard M.S. Instrumentation (2005)
T. Nagai PhD (2005)
Gary Walker (PhD 2004)
N. Smith, M.S &T (2004)
M. Davis, M.S &T (2004)
G. Rosann, M.S & T (2004)

A. Bermudez, M.S. &T. (2004)
J. Yip, M.S. &T. (2004)
G. Vardeny M.S Instrumentation (2003)
J. Stucker, M.S. Instrumentation (2001)
J. Black, M.S. Instrumentation (2000)
Curtis Larsen M.S. (1999), PhD
Charles Stigers, M.S. Instrumentation (1995)
Hua Ni M.S. Instrumentation (1994)
Lex Price M.S. Instrumentation (1994)
Rodney Freier M.S. Instrumentation (1994)
Walter Keller, M.S. (1993)
Bo Liu, M.S. Instrumentation (1992)

POST-DOC SUPERVISION:

Binita Hona (2020-2022)
Nolan Matthews (2020-2021)
Udara Abeysekara (2014-2019)
Farzenah Sheidaei (2011-2014)
Andy Smith (2011-2014)
Stephan Vincent (2008-2010)
Petra Huntemeyer (2009-2011)
Pierre Colin (2006-2008)
Sagar Godambe (2008-2010)
Hakima Manseri (2004-2006)
R. Atkins (2004-2006)

Undergrad Research Supervision Since January 1, 2005:

Erin Aadland (Moorehead State), Shannon Adams, Dan Allen, Elsbeth Allen, Chris Ballard, Devon Barros (Bridgewater State), Olduz Behad, Josh Binks, Matthew Bernstein, Patty Bolan (Boston College), Katie Breeland-Newcomb (Bennington), Danielle Brown, Kerianna Butler (BYU), Alyssa Cassity (Smith), Rylee Cardon, Ryan Chigago (Bennington), Alice Curtin (Carleton), Jonathan Davis (UVU), Martin Earl, Gabrielle Ferreira, Alexander Fullmer, Sabrina Glade, Gary Finnegan, Andy Flinders, Spencer Hatch (Weber State), Lewis Housley, Daniel Jackson (Cal-Poly), Micah Jeppsen, Caitlan Johnson (Minnesota), Erik Johnson, Josh Kaggie, Adi Kang (Bennington), Derrick Kirkwood, Matthew Kress, Derek Kress, Curtis Larsen (Dixie State), Zephne Larsen (BYU), Bryan Lewis (Virginia), Alexandria Luttery (Bennington), Charles MacGuire, Abigail McBride (SDSM), Jeremy Meyer, Cherie Nielsen, Michael Newbold, Sahar Nikkah (Ohio State), Nathan Odendahl, Alexis Olson, Alexandria Parrey, Anna Payne (Wellesley), Khoa Pham (Columbia), Ryan Price, Mikaela Ray, Paul Ricketts, Janvida Rou, Dave Rosen, Alex Royzman, Jed Schmidt (Columbia), Thulasi Seshan, Matt Shaw, Margaret Sheperd (Macalester), Ryan Sincic, Mike Snure, Ian Sohl, Tom Stoksus, Brianna Thorpe (ASU), Gabriela Torrini (Ohio State), Aaron Virshup (UIUC), Steven Wold, Tim Wolf (Cal Poly), Tingshuan Wu, Zachary Zundel

REFEREED PUBLICATIONS

1. “The Homestake Scintillation Detectors: A Status Report,” M.L. Cherry, S. Corbató, T. Daily, D. Kieda, K. Lande, and C.K. Lee, *Il Nuovo Cimento* **9C**, 210 (1986).
2. “Cosmic Ray Composition and Muon Decoherence at the Knee of the All Particle Spectrum”, D. Kieda, PhD Thesis, University of Pennsylvania (February 1989).
3. “Search for γ Rays above 10^{14} eV from Cygnus X-3 during the June and July 1989 Radio Outbursts,” G. L. Cassiday *et al.*, *Phys. Rev. Lett.* **21**, 2329 (1989).
4. “A Coarse-grain Search for Anisotropy in the Arrival Directions of Cosmic Rays Above 10^{17} eV,” G. L. Cassiday *et al.*, *Ap. J.* **351**, 454 (1990).
5. “Measurements of Cosmic-Ray Air Shower Development at Energies above 10^{17} eV,” G. L. Cassiday *et al.*, *Ap. J.*, **356**, 669 (1990).
6. “A Measurement of the Cosmic Ray Primary Composition Between $3 \times 10^{13} - 3 \times 10^{15}$ eV Using Multiple Muon Rates,” D. Cebula *et al.*, *Ap. J.* **358**, 637 (1990).
7. “Search for > 200 TeV Photons from Cygnus X-3 in 1988 and 1989,” D. Ciampa *et al.*, *Phys. Rev. D* **42**, 281 (1990).
8. “Search for Diffuse Cosmic Gamma Rays Above 200 TeV,” J. Matthews *et al.*, *Ap. J.* **375**, 202 (1991).
9. “Cosmic Ray Composition Around 10^{18} eV”, T. K. Gaisser *et al.*, *Phys. Rev. D* **47**, 1919 (1993)
10. “A Northern Sky Survey For Astrophysical Point Sources of 100 TeV Gamma Radiation,” T. McKay *et al.*, *Ap. J.* **417**, 742 (1993).
11. “Observation of the Shadows of the Moon and Sun using 100 TeV Cosmic Rays”, A. Borione *et al.*, *Phys. Rev. D* **49**, 1171 (1994).
12. “Evidence for Correlated Changes in the Spectrum and Composition of Cosmic Rays at Extremely High Energies”, D. J. Bird *et al.*, *Phys. Rev. Letters* **71**, 3401(1993).

13. "Cosmic Ray Energy Spectrum Observed by the Fly's Eye", D. J. Bird *et al.*, *Ap. J.* **424**, 497 (1994).
14. "A Study of the Chemical Composition of Cosmic Rays Around 10^{18} eV", T. K. Gaisser *et al.*, *Comments Astrophys.* **2 & 3** pp. 103-117 (1993).
15. "Detection of a Cosmic Ray with Measured Energy Well Beyond the Expected Spectral Cutoff Due to Cosmic Microwave Radiation," D. J. Bird *et al.*, *Ap. J.* **441**, 144 (1995)
16. "The Calibration of the Absolute Sensitivity of Photomultiplier Tubes in the High Resolution Fly's Eye Detector", D. Bird *et al.*, *Nucl. Instr. Meth. in Phys.* **A349**, 592 (1994).
17. "A New Generation Gamma Ray Telescope", S. P. Ahlen *et al.*, *Nucl. Instr. Meth. in Phys.* **A 351**, 493 (1994).
18. "A New Technique for the Observation of EeV and ZeV Cosmic Rays", D. B. Kieda, *Ap. Phys.* **4**, 133 (1995).
19. "A Search for Ultra-High Energy Gamma Rays from Active Galactic Nuclei with CASA-MIA", M. Catanese *et al.*, *Ap. J.* **469**, 572 (1996).
20. "Optimization of Event Angular Reconstruction for an Air Cerenkov Array Detector of EeV/ZeV Cosmic Rays", D. B. Kieda and D. J. Suson, *Nucl. Inst. Meth. Phys.* **A 374**, 381 (1996).
21. "A Search for Ultrahigh Energy Gamma-Ray Emission from the Crab nebula and Pulsar", A. Borione *et al.*, *Ap. J.* **481**, 313 (1997).
22. "A High Statistics Search for Ultra-High-Energy Gamma-Ray Emission from Cygnus X-3 and Hercules X-1", A. Borione *et al.*, *Phys. Rev. D* **55**, 1714 (1997).

23. "Constraints on Gamma-ray Emission from the Galactic Plane at 300 TeV", A. Borione *et al.*, *Ap. J.* **493**, 175 (1998).
24. "A New Measurement of Cosmic ray Composition at the knee", K. Boothby *et al.*, *Ap. J. Lett.* **491**, L35 (1997).
25. "Limits on the Isotropic Diffuse Flux of Ultra High Energy γ Radiation", A. Borione *et al.*, *Phys. Rev. Lett.* **79**, 10, 1805 (1997).
26. "Radio Controlled Xenon Flashers for Atmospheric Monitoring at the HiRes Cosmic ray Observatory", D. J. Bird *et al.*, *Nucl. Instr. Meth. in Phys. Res.* **428**, 593 (1999).
27. "Study of Broad-Scale Anisotropy of Cosmic-Ray Arrival Directions from 2×10^{17} to 10^{20} Electron Volts from Fly's Eye Data", D. Bird *et al.*, *Ap. J.* **511**, 739 (1999).
28. "The Cosmic Ray Composition between 10^{14} and 10^{16} eV", M.A.K. Glasmacher *et al.*, *Ap. Phys.* **12**, 1 (1999).
29. "The Cosmic Ray Energy Spectrum Between 10^{14} and 10^{16} eV", M.A.K. Glasmacher *et al.*, *Ap. Phys.* **10**, 291 (1999).
30. "Geometrical Reconstruction with The High Resolution Fly's Eye prototype cosmic ray detector", C. R. Wilkinsen *et al.*, *Ap. Phys.* **12**, 121 (1999).
31. "Elemental Composition of Cosmic Rays Near the Knee by Multi-parameter Measurements of Air Showers", AS. P. Swordy and D. B. Kieda, *Ap. Phys.* **13**, 137 (2000)
32. "Evidence for Changing of Cosmic Ray Composition Between 10^{17} and 10^{18} eV from Multi-Component Measurements", T. Abu-Zayyad *et al.*, *Phys. Rev. Lett.* **84**, 4276 (2000).
33. "A High Resolution Method for Measuring Cosmic Ray Composition beyond 10 TeV", D. B. Kieda *et al.*, *Ap. Phys.* **15**, 287 (2001).

34. "Measurement of the Cosmic Ray Energy Spectrum and Composition from 10^{17} to $10^{18.3}$ eV Using a Hybrid Fluorescence Technique", T. Abu-Zayyad *et al.*, *Ap. J.* **557**, 686 (2001).
35. "A Measurement of the Cosmic ray Spectrum and Composition at the Knee ", J. W. Fowler *et al.*, *Ap. Phys.* **15**, 49 (2001)
36. "The Prototype High-Resolution Fly's Eye Cosmic Ray Detector.", T. Abu-Zayyad *et al.*, *Nucl. Instrum. Meth Phys.* **A450**, 253 (2000).
37. "VERITAS: the Very Energetic Radiation Imaging Telescope Array System", T. C. Weekes *et al.*, *Ap. Phys.* **17**, 221 (2002).
38. "Cutoff in the TeV Energy Spectrum of Markarian 421 During Strong Flares in 2001", F. Krennrich *et al.*, *Ap. J. Lett.* **560**, L45 (2001).
39. "The Composition of Cosmic Rays at the Knee", S. P. Swordy *et al.*, *Ap. Phys.* **18** 129 (2002).
40. "Detection of the BL Lac Object 1H1426+428 at TeV Gamma Ray Energies", D. Horan *et al.*, *Ap. J.* **571**, 753 (2002).
41. "The TeV spectrum of H1426+428", D. Petry *et al.*, *Ap. J.* **580** 104 (2002).
42. "Discovery of Spectral Variability of Markarian 421 at TeV Energies", F. Krennrich *et al.*, *Ap. J. Letters* **575** L9 (2002).
43. "Detection of TeV Gamma Rays from the BL Lac Object 1ES1959+650 with the Whipple 10m Telescope", J. Holder *et al.*, *Ap. J. Lett.* **583**, L9 (2003).
44. "TeV Emissions from Pulsars in Binary Systems", T. A. Hall *et al.*, *Ap. J.* **583**, 853 (2003).

45. “Geometry and Optics Calibration for Air Fluorescence Detectors Using Star Light”, P. Sadowski *et al.*, *Ap. Phys.* **18**, 237 (2002).
46. “Search for High-Energy Gamma Rays from an X-Ray-selected Blazar Sample”, I. de la Calle Perez *et al.*, *Ap. J.* **599**, 909 (2003).
47. “Evidence for New Unidentified TeV γ -ray Sources from Angularly Correlated Hot Spots Observed by Independent TeV γ -ray Sky Surveys”, G. Walker *et al.*, *Ap. J. Lett.* **614**, L93 (2004).
48. “A Search for TeV Gamma-Ray Emission from High-peaked Flat-Spectrum Radio Quasars Using the Whipple Air Cerenkov Telescope”, A. Falcone *et al.*, *Ap. J.* **613**, 710 (2004).
49. “Observation of M87 with the Whipple 10 m Telescope”, S. LeBohec *et al.*, *Ap. J.* **610**, 156 (2004).
50. “TeV Gamma-Ray Observations of the Galactic Center”, K. Kosack *et al.*, *Ap. J. Lett.* **608**, L97 (2004).
51. “Measurement of the Flux of Ultrahigh Energy Cosmic Rays from Monocular Observations by the High Resolution Fly’s Eye Experiment”, R. U. Abbassi *et al.*, *Phys. Rev. Lett.* **92**, 151101 (2004).
52. “Whipple Telescope Observations of Potential TeV γ -ray Sources Found by the Tibet Air Shower Array”, G. Walker and D. Kieda *New Astr. Rev.* **48**, 477 (2004).
53. “VERITAS: the Very Energetic Radiation Imaging Telescope Array System”, F. Krennrich *et al.*, *New Astr. Rev.* **48**, 345 (2004).
54. “Constraints on the Very High Energy Emission from BL Lacertae Objects”, D. Horan *et al.*, *Ap. J.* **603**, 51 (2004).
55. “Monocular Measurement of the Spectrum of UHE Cosmic Rays by the FADC Detector of The HiRes Experiment”, R. Abbasi *et al.*, *Ap. Phys.*, **23**, 2, 157 (2005).

56. "Spectrum of Very High Energy Gamma-Rays from the blazar 1ES 1959+650 during Flaring Activity in 2002", M. K. Daniel *et al.*, *Ap. J.*, **621**, 181 (2005).
57. "A Survey of Unidentified EGRET Sources at Very High Energies", S. J. Fegan *et al.*, *Ap. J.*, **624**, 638 (2005).
58. "A Multiwavelength View of the TeV Blazar Markarian 421: Correlated Variability, Flaring, and Spectral Evolution", M. Blazejowski *et al.*, *Ap. J.*, **630**, 130 (2005).
59. "A Very High Energy Gamma-Ray Spectrum of 1ES 2344+514", M. Schroedter *et al.*, *Ap. J.*, **634**, 947 (2005).
60. "The First VERITAS Telescope", J. Holder *et al.*, *Ap. Phys.* **25**,391 (2006).
61. "Multiwavelength Observations of 1ES 1959+650, 1 Year after the Strong Outburst of 2002", K. Guiterrez *et al.*, *Ap. J.* **644**, 2, 742 (2006).
62. "TeV Gamma-Ray Observations of the Perseus and Abell 2029 Galaxy Clusters", J. Perkins *et al.* *Ap. J.* **644**, 1, 148 (2006).
63. "Multiwavelength Observations of the Blazar Markarian 421 in 2002 December and 2003 January", *Ap. J.* **641**, 2, 740 (2006.)
64. "A New Search for Primordial Black Hole Evaporations Using the Whipple Gamma-Ray Telescope", *J. Cosm. and Ap. Phys.* **1**. 13 (2006).
65. "Very High Energy Observations of Gamma-Ray Burst Locations with the Whipple Telescope", D. Horan *et al.*, *Ap. J.* **655**, 396 (2007).

66. “Observations of the Unidentified TeV γ -Ray Source TeV J2032+4130 with the Whipple Observatory 10 m Telescope”, A. Konopelko *et al.*, *Ap. J.* **658**, 1062 (2007).
67. “Whipple telescope observations of LS I +61 303: 2004-2006”, A. Smith *et al.*, *Astr. & SS* **309**,299 (2007).
68. “Multiwavelength Observations of Markarian 421 in March 2001: an Unprecedented View on the X-ray/TeV Correlated Variability”, G. Fossati *et al.*, *Ap. J.* **677**, 906 (2008).
69. “A Search for Dark Matter Annihilation with the Whipple 10m Telescope”, M. Wood *et al.*, *Ap. J.* **678**, 594 (2008).
70. “Observation of gamma-ray emission from the galaxy M87 above 250 GeV with VERITAS”, A. Acciari *et al.*, *Ap. J.* **679**, 397 (2008).
71. “VERITAS Observations of the gamma-Ray Binary LS I +61 303”, A. Acciari *et al.*, *Ap. J.* **679**, 1427 (2008).
72. “ VERITAS Discovery of >200 GeV Gamma-Ray Emission from the Intermediate-Frequency-Peaked BL Lacertae Object W Comae”, A. Acciari *et al.*, *Ap. J. Lett.* **684**, L73 (2008).
73. “ First results from VERITAS”, D. Hanna *et al.*, *Nucl. Inst. Meth. Phys. A* **588**, 26 (2008).
74. “ Discovery of Very High Energy Gamma-ray Radiation from the BL Lac 1ES 0806+524”, A. Acciari *et al.*, *Ap. J. Lett.* **690**, L126 (2009).
75. “Detection of Extended VHE Gamma Ray Emission from G106.3+2.7 with Veritas”, A. Acciari *et al.*, *Ap. J. Lett.* **703**, L6 (2009).
76. “ Observation of Extended Very High Energy Emission from the Supernova Remnant IC 443 with VERITAS”, A. Acciari *et al.*, *Ap. J. Lett.* **698**, L133 (2009).

77. “Multiwavelength Observations of LS I +61* 303 with Veritas, Swift, and RXTE ”, A. Acciari *et al.*, *Ap. J.* **700**, 1034 (2009).
78. “Veritas Observations of a Very High Energy gamma-Ray Flare From the Blazar 3C 66A”, A. Acciari *et al.*, *Ap. J. Lett.* **693**, L104 (2009).
79. “Evidence for Long-Term Gamma-Ray and X-Ray Variability from the Unidentified TeV Source HESS J0632+057”, A. Acciari *et al.*, *Ap. J. Lett.* **698**, L94 (2009).
80. “VERITAS Observations of the BL Lac Object 1ES 1218+304”, A. Acciari *et al.*, *Ap. J.* **695**, 1370 (2009).
81. “Simultaneous Multiwavelength Observations of Markarian 421 During Outburst ”, A. Acciari *et al.*, *Ap. J.* **703**, 169 (2009).
82. “The June 2008 Flare of Markarian 421 from Optical to TeV Energies”, I. Donnarumma, *et al.*, *Ap. J. Lett.* **691**, L13 (2009).
83. “Radio Imaging of the Very-High-Energy γ -Ray Emission Region in the Central Engine of a Radio Galaxy”, M. Beilicke *et al.*, *Science* **325**, 444 (2009).
84. “ A connection between star formation activity and cosmic rays in the starburst galaxy M82”, A. Acciari *et al.*, *Nature* **462**, 7274, 770 (2009).
85. “VERITAS Upper Limit on the Very High Energy Emission from the Radio Galaxy NGC 1275”, A. Acciari *et al.*, *Ap. J. Lett.* **706**, 2, L275-L280 (2009).
86. “Multiwavelength Observations of a Tev-Flare from W Comae”, A. Acciari *et al.*, *Ap. J.* **707**, 1, 612 (2009).

87. “Discovery of Very High Energy Gamma Rays from PKS 1424+240 and Multiwavelength Constraints on Its Redshift”, A. Acciari *et al.*, *Ap. J. Lett.* **708**, 2, L100-L106 (2010).
88. “The Discovery of γ -Ray Emission from the Blazar RGB J0710+591”, A. Acciari *et al.*, *Ap. J. Lett.* **715** L49-L55 (2010).
89. “VERITAS Search for VHE Gamma-ray Emission from Dwarf Spheroidal Galaxies”, A. Acciari *et al.*, *Ap. J.* **720**, 2, 1174 (2010).
90. “Discovery of Variability in the Very High Energy gamma-Ray Emission of 1ES 1218+304 with VERITAS”, A. Acciari *et al.*, *Ap. J. Lett.* **709**, 2, L163 (2010).
91. “Veritas 2008-2009 Monitoring of the Variable Gamma-ray Source M87”, A. Acciari *et al.*, *Ap. J.* **716**, 1, 819 (2010).
92. “Discovery of Very High Energy gamma-ray Emission from the SNR G54.1+0.3”, A. Acciari *et al.*, *Ap. J. Lett.* **719**, 1, L69 (2010).
93. “VERITAS Observations of a Very High Energy γ -ray Flare from the Blazar 3C 66A ”, A. Acciari *et al.*, *Ap. J. Lett.* **721**, L203 (2010).
94. “Observations of the Shell-type Supernova Remnant Cassiopeia A at TeV Energies with VERITAS”, A. Acciari *et al.*, *Ap. J.* **714**, 1, 163 (2010).
95. “Spectral Energy Distribution of Markarian 501: Quiescent State vs. Extreme Outburst,” V. A. Acciari *et al.*, *Ap. J.* **729**, 2 (2011).
96. “Insights Into the High-Energy Gamma-ray Emission of Markarian 501 from Extensive Multifrequency Observations in the Fermi Era,” A. A. Abdo *et al.* *Ap. J.* **727**, 129 (2011).
97. “Multi-wavelength Observations of the Flaring Gamma-ray Blazar 3C 66A in 2008 October,” A. A. Abdo *et al.* *Ap. J.* **726**, 43 (2011).

98. "VERITAS: Status Summary 2009," T. C. Weekes *et al.* *Int. J. Mod. Phys. D* **19**, 1003-1012 (2010).
99. "The Track Imaging Cerenkov Experiment," S. A. Wissel *et al.*, *Nucl. Instrum. Meth. Phys* **A659**, 175-181 (2011).
100. "VERITAS Observations of the Unusual Extragalactic Transient Swift J164449.3+573451," E. Aliu *et al.*, *Ap. J. Lett.* **738**, 2, L30 (2011).
101. "Multiwavelength Observations of the VHE Blazar 1ES 2344+514," V. A. Acciari *et al.*, *Ap. J.* **738**, 169 (2011).
102. "TeV and Multi-wavelength Observations of Mrk 421 in 2006-2008," V. A. Acciari *et al.*, *Ap. J.* **738**, 25 (2011).
103. "VERITAS Observations of the TeV Binary LS I +61 303 During 2008-2010," V. A. Acciari *et al.*, *Ap. J.* **738**, 3 (2011).
104. "Discovery of TeV Gamma Ray Emission from Tycho's Supernova Remnant," V. A. Acciari *et al.*, *Ap. J. Lett.* **730**, L20 (2011).
105. "VERITAS Observations of the Unusual Extragalactic Transient Swift J164449.3+573451," E. Aliu *et al.*, *Ap. J.*, **742**, 127 (2011).
106. "Multiwavelength Observations of the Previously Unidentified Blazar RX J0648.7+1516," E. Aliu *et al.*, *Ap. J.*, **742**, 127 (2011).
107. "VERITAS Observations of Gamma-Ray Bursts Detected by Swift," V. A. Accirari *et al.*, *Ap. J.*, **743**, 62 (2011).
108. "On the sensitivity of the HAWC observatory to gamma-ray bursts," A. U. Abeysekara *et al.*, *Ap. Phys.* **35**, 10, 641-650 (2012).
109. "High angular resolution imaging with stellar intensity interferometry using air Cherenkov telescope arrays," P. D. Nunez *et al.*, *M.N.R.A.S.* **419**, 1, 172 (2012).

110. "Detection of Pulsed Gamma Rays Above 100 GeV from the Crab Pulsar," E. Aliu *et al.*, *Science* **334**, 69-72 (2011).
111. "VERITAS Observations of day-scale flaring of M87 in April 2010," E. Aliu *et al.*, *Ap. J.* **746**, 141 (2012).
112. "The 2010 Very High Energy -Ray Flare and 10 Years of Multi-wavelength Observations of M 87," A. Abramowski *et al.*, *Ap. J.* **746**, 151 (2012).
113. "Discovery of High-energy and Very High Energy -Ray Emission from the Blazar RBS 0413," E. Aliu *et al.*, *Ap. J.* **750**, 94 (2012).
114. "VERITAS Observations of the Nova in V407 Cygni," E. Aliu *et al.*, *Ap. J.* **754**, 77 (2012).
115. "Multiwavelength Observations of the AGN 1ES 0414+009 with VERITAS, Fermi-LAT, Swift-XRT, and MDM," E. Aliu *et al.*, *Ap. J.* **755**, 118 (2012).
116. "Constraints on Cosmic Rays, Magnetic Fields, and Dark Matter from Gamma-Ray Observations of the Coma Cluster of Galaxies with VERITAS and Fermi," T. Arlen *et al.*, *Ap. J.* **757**, 123 (2012).
117. "Imaging submilliarcsecond stellar features with intensity interferometry using air Cherenkov telescope arrays," P. D. Nunez *et al.*, *M.N.R.A.S.* **424**, 2, 1006 (2012).
118. "VERITAS deep observations of the dwarf Spheroidal galaxy Segue 1," E. Aliu *et al.*, *Phys. Rev.* **D85**, 062001 (2012).
119. "VERITAS Observations of Six Bright Hard-Spectrum FERMI-LAT Blazars," E. Aliu *et al.*, *Ap. J.* **759**, 102 (2012).
120. "Search for a Correlation Between Very-High-Energy Gamma Rays and Giant Radio Pulses in the Crab Pulsar," E. Aliu *et al.*, *Ap. J.* **760**, 136 (2012).

121. "Rapid TeV Flaring of BL Lacertae," T. Arlen *et al.*, *Ap. J* **762**, 92 (2013).
122. "Discovery of TeV Gamma-Ray Emission from CTA 1 By VERITAS," E. Aliu *et al.*, *Ap. J* **764**, 38 (2013).
123. "Sensitivity of the high altitude water Cherenkov detector to sources of multi-TeV gamma rays," A. U. Abeysekara *et al.*, *Ap. Phys.* **50**, 26 (2013).
124. "Introducing the CTA concept," B. S. Acharya *et al.*, *Ap. Phys.* **3**, 3 (2013).
125. "Discovery of TeV Gamma-Ray Emission toward Supernova Remnant SNR G78.2+2.1," E. Aliu *et al.*, *Ap J.* **770**, 93 (2013).
126. "Discovery of a New TeV Gamma-Ray Source: VER J0521+211," S. Archambault *et al.*, *Ap. J.* **776**, 69 (2013).
127. "Multiwavelength Observations and Modeling of 1ES 1959+650 in a Low Flux State," E. Aliu *et al.*, *Ap. J.* **775**, 3 (2013).
128. "Monte Carlo simulation of stellar intensity interferometry," J. Rou *et al.*, *M.N.R.A.S.* **430** , 3187 (2013).
129. "Multiwavelength Observations of the TeV Binary LS I +61 303 with VERITAS, Fermi-LAT, and Swift/XRT during a TeV Outburst," E. Aliu *et al.*, *Ap. J.* **779** , 88 (2013).
130. "VERITAS Observations of the Microquasar Cygnus X-3," E. Aliu *et al.*, *Ap. J.* **779** , 150 (2013).
131. "Long Term Observations of B2 1215+30 with VERITAS," E. Aliu *et al.*, *Ap. J.* **119** , 92 (2013).
132. "Deep Broadband Observations of the Distant Gamma-Ray Blazar PKS 1424+240," S. Archambault *et al.*, *Ap.J.* **785**, 16 (2014).

133. “Observations of the Unidentified Gamma-Ray Source TeV J2032+4130 by VERITAS,” E. Aliu *et al.*, *Ap. J.* **783**, 16 (2014).
134. “Spatially Resolving the Very High Energy Emission from MGRO J2019+37 with VERITAS,” E. Aliu *et al.*, *Ap. J.* **788**, 78 (2014).
135. “A Three-year Multi-wavelength Study of the Very-high-energy - Ray Blazar 1ES 0229+200,” E. Aliu *et al.*, *Ap. J.* **782**, 13 (2014).
136. “Long-term TeV and X-Ray Observations of the Gamma-Ray Binary HESS J0632+057,” E. Aliu *et al.*, *Ap. J.* **780**, 168 (2014).
137. “A Search for Enhanced Very High Energy Gamma-Ray Emission from the 2013 March Crab Nebula Flare,” E. Aliu *et al.*, *Ap. J.* **781**, 11 (2014).
138. “Constraints on Very High Energy Emission from GRB 130427A,” E. Aliu *et al.*, *Ap. J.* **795**, 3 (2014).
139. “Very-high Energy Observations of the Galactic Center Region by VERITAS in 2010-2012,” A. Archer *et al.*, *Ap. J.* **790**, 149 (2014).
140. “Test of Models of the Cosmic Infrared Background with Multi-wavelength Observations of the Blazar 1ES 1218+30.4 in 2009,” S. Archambault *et al.*, *Ap. J.* **788**, 158 (2014).
141. “Investigating the TeV Morphology of MGRO J1908+06 with VERITAS,” E. Aliu *et al.*, *Ap. J.* **787**, 166 (2014).
142. “Observation of Markarian 421 in TeV gamma rays over a 14-year time span,” V. A. Acciari *et al.*, *Ap. J.* **119**, 92 (2014).
143. “Observation of Small-scale Anisotropy in the Arrival Direction Distribution of TeV Cosmic Rays with HAWC,” A. U. Abeysekara *et al.*, *Ap. J.* **796**, 108 (2014).
144. “Investigating Broadband Variability of the TeV Blazar 1ES 1959+650,” S. Archambault *et al.*, *Ap. J.* **797**, 89 (2014).

145. "Sensitivity of HAWC to high-mass dark matter annihilations," A. U. Abeysekara *et al.*, *Phys. Rev. D* **90**, 122002 (2014).
146. "Multiwavelength observations of Mrk 501 in 2008," J. Aleksic *et al.*, *A & A* **573**, A50 (2015).
147. "VERITAS Observations of the BL Lac Object PG 1553+113," E. Aliu *et al.*, *Ap. J.* **799**, 7 (2015).
148. "The most powerful flaring activity from the NLSy1 PMN J0948+0022," F. D'Ammando *et al.*, *MNRAS* **446**, 2456 (2015).
149. "A Search for Pulsations from Geminga above 100 GeV with VERITAS," E. Aliu *et al.*, *Ap. J.* **800**, 61 (2015).
150. "Search for Gamma-Rays from the Unusually Bright GRB 130427A with the HAWC Gamma-Ray Observatory," A. U. Abeysekara *et al.*, *Ap. J.* **800**, 78 (2015).
151. "VAMOS: A pathfinder for the HAWC gamma-ray observatory," A. U. Abeysekara *et al.*, *Ap. Phys* **62**, 125 (2015).
152. "The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies," J. Aleksic *et al.*, *A & A* **576**, A126 (2015).
153. "Milagro limits and HAWC sensitivity for the rate-density of evaporating Primordial Black Holes," A.A. Abdo *et al.*, *Ap. Phys.* **64**, 4 (2015).
154. "Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010," J. Aleksic *et al.*, *A & A* **578**, A22 (2015).
155. "VERITAS Detection of -Ray Flaring Activity From the BL Lac Object 1ES 1727+502 During Bright Moonlight Observations," S. Archambault *et al.*, *Ap. J.* **808**, 110 (2015).

156. “First NuSTAR Observations of Mrk 501 within a Radio to TeV Multi-Instrument Campaign,” A. Furniss *et al.*, *Ap. J.* **812**, 65 (2015).
157. “Gamma-Rays from the Quasar PKS 1441+25: Story of an Escape,” A. U. Abeysekara *et al.*, *Ap. J. Lett* **815**, L22 (2015).
158. “A Search for Brief Optical Flashes Associated with the SETI Target KIC 8462852,” A. U. Abeysekara *et al.*, *Ap. J. Lett.* **818**, L33 (2016).
159. “VERITAS and multiwavelength observations of the BL Lacertae object 1ES 1741+196,” A. U. Abeysekara *et al.*, *MNRAS* **459**, 2550 (2016).
160. “Search for TeV Gamma-Ray Emission from Point-like Sources in the Inner Galactic Plane with a Partial Configuration of the HAWC Observatory,” A. U. Abeysekara *et al.*, *Ap. J.* **817**, 3 (2016).
161. “Upper Limits from Five Years of Blazar Observations with the VERITAS Cherenkov Telescopes.,” S. Archambault *et al.*, *Astron. J.* **151**, 142 (2016).
162. “Discovery of Very High Energy Gamma Rays from 1ES 1440+122,” S. Archambault *et al.*, *MNRAS* **461**, 202 (2016).
163. “Exceptionally Bright TeV Flares from the Binary LS I +61 303,” S. Archambault *et al.*, *Ap. J. Lett.* **817**, L7 (2016).
164. “TeV Gamma-Ray Observations of the Galactic Center Ridge by VERITAS,” A. Archer *et al.*, *Ap. J.* **821**, 129 (2016).
165. “Multiwavelength Study of Quiescent States of Mrk 421 with Unprecedented Hard X-Ray Coverage Provided by NuSTAR in 2013.,” M. Balokovi *et al.*, *Ap. J.* **819**, 156 (2016).

166. “Very-high-energy observations of the binaries V 404 Cyg and 4U 0115+634 during giant X-ray outbursts,” A. Archer *et al.*, *Ap. J.* **831**, 113 (2016).
167. “A Search for Very High-Energy Gamma Rays from the Missing Link Binary Pulsar J1023+0038 with VERITAS,” E. Aliu *et al.*, *Ap. J.* **831**, 193 (2016).
168. “Very high energy outburst of Markarian 501 in May 2009,” E. Aliu *et al.*, *A & A* **594**, A76 (2016).
169. “Very high-energy gamma-ray follow-up program using neutrino triggers from IceCube,” IceCube Collaboration, Aartsen, M. G., Abraham, K., *et al.*, *J. Inst.*, **11**, P11009 (2016).
170. “Search for TeV Gamma-Ray Emission from Point-like Sources in the Inner Galactic Plane with a Partial Configuration of the HAWC Observatory,” A. U. Abeysekara *et al.*, *Ap. J.* **817**, 3 (2016).
171. “Exceptionally Bright TeV Flares from the Binary LS I +61 303,” S. Archambault *et al.*, *Ap. J. Lett.* **817**, L7 (2016).
172. “A Search for Brief Optical Flashes Associated with the SETI Target KIC 8462852,” A. U. Abeysekara *et al.*, *Ap. J. Lett.* **818**, L33 (2016).
173. “Discovery of very high energy emission from RGB J2243+203 and derivation of its redshift upper limit,” A. U. Abeysekara *et al.*, *Ap. J. Suppl.* **233**, 1, 7 (2017).
174. “Observation of the Crab Nebula with the HAWC Gamma-Ray Observatory,” A. U. Abeysekara *et al.*, *Ap. J.* **843**, 1, 39 (2017).
175. “Extended gamma-ray sources around pulsars constrain the origin of the positron flux at Earth,” A. U. Abeysekara *et al.*, *Science* **358**, 6365, 911(2017).

- 176."Search for Very High-energy Gamma Rays from the Northern Fermi Bubble Region with HAWC," A. U. Abeysekara *et al.*, *Ap. J.* **842**, 2, 85 (2017).
- 177."The 2HWC Observatory Gamma-Ray Catalog," A. U. Abeysekara *et al.*, *Ap. J.* **843**, 1, 40 (2017).
- 178."A Luminous and Isolated Gamma-ray Flare from the Blazar B2 1215+30," A. U. Abeysekara *et al.*, *Ap. J.* **836**, 2, 205 (2017).
- 179."Search for Spectral Hysteresis and Energy-dependent Time Lags from X-Ray and TeV Gamma-Ray Observations of Mrk 421," A. U. Abeysekara *et al.*, *Ap. J.*, **834**, 1, 2 (2017).
- 180."Search for Magnetically Broadened Cascade Emission from Blazars with VERITAS," S. Archambault *et al.*, *Ap. J.*, **835**, 2, 288 (2017).
- 181."Gamma-Ray Observations of Tycho's Supernova Remnant with VERITAS and Fermi," S. Archambault *et al.*, *Ap. J.*, **836**, 1, 23 (2017).
- 182."Dark matter constraints from a joint analysis of dwarf Spheroidal galaxy observations with VERITAS," S. Archambault *et al.*, *Physical Review D*, **95**, 8, id.082001 (2017)
- 183."Daily Monitoring of TeV Gamma-Ray Emission from Mrk 421, Mrk 501, and the Crab Nebula with HAWC," A. U. Abeysekara *et al.*, *Ap. J.* **841**, 2, 100 (2017).
- 184."The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events," A. U. Abeysekara *et al.*, *Ap. J.* **843**, 2, 116 (2017).
- 185."Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009," M. L. Ahnen *et al.*, *A & A* **603**, A31, 30 (2017).
- 186."Gamma-ray observations under bright moonlight with VERITAS," S. Archambault *et al.*, *Ap. Phys.* **91**, 34 (2017).

- 187."Search for Very-high-energy Emission from Gamma-Ray Bursts Using the First 18 Months of Data from the HAWC Gamma-Ray Observatory," R. Alfaro *et al.*, *Ap. J.* **843**, 2, 88 (2017).
- 188."Multi-messenger Observations of a Binary Neutron Star Merger," Abbott, B. P., Abbott, R., Abbott, T. D. *et al.*, *Ap. J.* , **848**, L12 (2017).
- 189."Very-High-Energy -Ray Observations of the Blazar 1ES 2344+514 with VERITAS," Allen, C., Archambault, S., Archer, A. *et al.*, *MNRAS* , **471**, 2117 (2017).
- 190."Development of a digital astronomical intensity interferometer: laboratory results with thermal light," N. Matthews, D. Kieda and S. LeBohec, *J. Mod. Optics*, **65**, 1336 (2018).
- 191."A Strong Limit on the Very-high-energy Emission from GRB 150323A," Abeysekara, A. U., Archer, A., Benbow, W., *et al.*, *Ap. J.* , **857**, 33 (2018).
- 192."A Very High Energy -Ray Survey toward the Cygnus Region of the Galaxy," Abeysekara, A. U., Archer, A., Aune, T. *et al.*, *Ap. J.* , **861**, 134 (2018).
- 193."VERITAS Observations of the BL Lac Object TXS 0506+056," Abeysekara, A. U., Archer, A., Benbow, W. *et al.*, *Ap. J.* , **861**, L20 (2018).
- 194."HESS J1943+213: An Extreme Blazar Shining through the Galactic Plane," Archer, A., Benbow, W., Bird, R. *et al.*, *Ap. J.* , **862**, 41 (2018).
- 195."Measurement of the iron spectrum in cosmic rays by VERITAS," Archer, A., Benbow, W., Bird, R., *et al.* 2018, *Phys. Rev. D* , **98**, 22009 (2018).

- 196."Multi-messenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A," IceCube Collaboration, Aartsen, M. G., Ackermann, M. *et al.*, *Science* **361**, eaat1378 (2018).
- 197."Measurement of cosmic-ray electrons at TeV energies by VERITAS", Archer, A., Benbow, W., Bird, R. *et al.*, *Phys. Rev. D* , **98**, 62004 (2018).
- 198."VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog," Abeysekara, A. U., Archer, A., Benbow, W. *et al.*, *Ap. J.* , **866**, 24 (2018).
- 199."Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period," Abeysekara, A. U., Benbow, W., Bird, R. *et al.*, *Ap. J.* , **867**, L19 (2018).
- 200.Data acquisition architecture and online processing system for the HAWC gamma-ray observatory, A.U. Abeysekara *et al.*, *Nuclear Instruments and Methods in Physics Research A* **888** 138 (2018).
- 200."Extreme HBL behavior of Markarian 501 during 2012," Ahnen, M. L., Ansoldi, S., Antonelli, L. A. *et al.*, *A. & Ap.* , **620**, A181 (2018).
- 201."Dark Matter Limits from Dwarf Spheroidal Galaxies with the HAWC Gamma-Ray Observatory," R. Alfaro *et al.*, *Ap. J.* **853**, 2, 154 (2018).
- 202." Direct measurement of stellar angular diameters by the VERITAS Cherenkov Telescopes," W. Benbow *et al.*, *Nature Astronomy* **3**, 6, 511 (2019).
- 203."Measurement of the extragalactic background light spectral energy distribution with VERITAS ," A. U. Abersekara *et al.*, *Ap. J.***885**, 150 (2019).

- 204."Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout," A. Acharyya *et al.*, *Ap. J.* **111**, 35 (2019).
- 205."Measurement of the Crab Nebula Spectrum Past 100 TeV with HAWC," A. U. Abeysekara *et al.*, *Ap. J.* **881**, 2, 134 (2019).
- 206."A Search for Pulsed Very High-energy Gamma-Rays from 13 Young Pulsars in Archival VERITAS Data," A. Archer *et al.*, *Ap. J.* **876**, 2, 95 (2019).
- 207."All-sky measurement of the anisotropy of cosmic rays at 10 TeV and mapping of the local interstellar magnetic field," A. U. Abeysekara *et al.*, *Ap. J.* **871**, 1, 96 (2019).
- 208."Multiple Galactic Sources with Emission above 56 TeV Detected by HAWC," A. U. Abeysekara *et al.*, *Phys. Rev. Lett.* **124**, 021102 (2020).
- 209."VERITAS Detection of LS 5039 and HESS J1825-137," A. U. Abeysekara *et al.*, *Ap. Phys.* **117**, 102403 (2020).
- 210."Probing the Properties of the Pulsar Wind in the Gamma-Ray Binary HESS J0632+057 with NuSTAR and VERITAS Observations," A. Archer *et al.*, *Ap. J.* **888**, 2, 115 (2020).
- 211."The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies," A. U. Abeysekara *et al.*, *Ap. J.* **890**, 2, 97 (2020).
- 212."A Decade of Multiwavelength Observations of the TeV Blazar 1ES 1215+303: Extreme Shift of the Synchrotron Peak Frequency and Long-term Optical-Gamma-Ray Flux Increase," A. U. Abeysekara *et al.*, *Ap. J.* **891**, 2, 170 (2020).
- 213."Constraints on the Emission of Gamma-Rays from M31 with HAWC," A. Albert *et al.*, *Ap. J.* **893**, 1, 16 (2020).

- 214."Evidence for Proton Acceleration up to TeV Energies Based on VERITAS and Fermi-LAT Observations of the Cas A SNR," A. Archer *et al.*, *Ap. J.* **896**, 1, 41 (2020).
- 215."ASIIP: A Stellar Intensity Interferometry Target Planner," J. Davis, N. Matthews and D. Kieda. *J. Ast. Inst.* **6**, 037001 (2020).
- 216."Demonstration of stellar intensity interferometry with the four VERITAS telescopes", A. U. Abeysekara *et al.*, *Nature Astronomy* **4**, 1164 (2020).
- 217."VERITAS Discovery of VHE Emission from the Radio Galaxy 3C 264: A Multiwavelength Study", A. Archer *et al.*, *Ap. J.* **896**, 1, 41 (2020).
- 218."Interplanetary Magnetic Flux Rope Observed at Ground Level by HAWC", A. Albert *et al.*, *Ap. J.* **905**, 1, 73 (2020).
- 219."3HWC: The Third HAWC Catalog of Very-high-energy Gamma-Ray Sources", A. Albert *et al.*, *Ap. J.* **905**, 1, 76 (2020).
- 220."Status of the development of NUV SiPMs for INFN optical modules for the SCT medium sized telescope proposed for the CTA observatory", C. Adams *et al.*, *NIM A* **982**, 164486 (2020).
- 221."Detection of the Crab Nebula with the 9.7 m Prototype Schwarzschild-Couder Telescope", C. B. Adams *et al.*, *Ap. Phys.* **128**, 102562 (2021).
- 222."A survey of active galaxies at TeV photon energies with the HAWC gamma-ray observatory", A. Albert *et al.*, *Ap. J.* **907**, 2, 67 (2021).
- 223."HAWC observations of the acceleration of very-high energy cosmic rays in the Cygnus Cocoon", A.U. Abeysekara *et al.*, *Nature Astronomy* **5**, 465 (2021).

- 224."Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign", EHT MWL Science Working Group *et al.*, *Ap. J. Lett.* **911**, 1, L11 (2021).
- 225."Evidence that Ultra-high-energy Gamma Rays Are a Universal Feature near Powerful Pulsars", A. Albert *et al.*, *Ap. J. Lett.* **911**, 2, L27 (2021).
- 226."HAWC Search for High-mass Microquasars", A. Albert *et al.*, *Ap. J. Lett.* **912**, 1, L4 (2021).
- 227."VERITAS Observations of the Galactic Center Region at Multi-TeV Gamma-Ray Energies", C. B. Adams *et al.*, *Ap. J.* **913**, 2, 115 (2021).
- 228."Probing the Sea of Cosmic Rays by Measuring Gamma-Ray Emission from Passive Giant Molecular Clouds with HAWC", A. Albert *et al.*, *Ap. J.* **914**, 2, 106 (2021).
- 229."A Search for TeV Gamma-Ray Emission from Pulsar Tails by VERITAS", W. Benbow *et al.*, *Ap. J.* **916**, 2, 117 (2021).
- 230."TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.", H. Abdalla *et al.*, *Ap. J.* **917**, 1, 6 (2021).
- 231."An Archival Search for Neutron-star Mergers in Gravitational Waves and Very-high-energy Gamma Rays", C. B. Adams *et al.*, *Ap. J.* **918**, 2, 66 (2021).
- 232."Multiwavelength Observation Campaign of the TeV Gamma-Ray Binary HESS J0632 + 057 with NuSTAR, VERITAS, MDM, and Swift", Y. M. Tokayer *et al.*, *Ap. J.* **923**, 1, 17 (2021).
- 233."Variability and Spectral Characteristics of Three Flaring Gamma-Ray Quasars Observed by VERITAS and Fermi-LAT", C. B. Adams *et al.*, *Ap. J.* **924**, 2, 95 (2022).

- 234."Design and performance of the prototype Schwarzschild-Couder telescope camera", C. B. Adams *et al.*, *JATIS* **8**, 014007 (2022).
- 235."Cosmic ray spectrum of protons plus helium nuclei between 6 and 158 TeV from HAWC data", A. Albert *et al.*, *Phys. Rev D* **105**, 063021 (2022).
- 236."Characterization of the background for a neutrino search with the HAWC observatory", A. Albert *et al.*, *Ap. Phy.* **137**, 102670 (2022).
- 237."HAWC Study of the Ultra-high-energy Spectrum of MGRO J1908+06", A. Albert *et al.*, *Ap. J.* **928**, 2, 116 (2022).
- 238."Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State," C. B. Adams *et al.*, *Ap. J.* **932**, 2, 129 (2022).
- 239."Probing the Extragalactic Mid-infrared Background with HAWC," A. Albert *et al.*, *Ap. J.* **933**, 2, 223 (2022).
- 240."Assembly and performance of SiPM arrays for the prototype SCT proposed for CTA, G. Ambrosi *et al.*, *Nuc. Inst. and Meth. in Phys. Res. A*, **1041**, 167359 (2022).
- 241."Limits on the Diffuse Gamma-Ray Background above 10 TeV with HAWC," A. Albert *et al.*, arXiv preprint arXiv:2209.08106 (2022).
- 242."VizieR Online Data Catalog: The 2HWC HAWC Observatory gamma-ray cat.," A.U. Abeysekara *et al.*, *VizieR Online Data Catalog*, *Ap. J.* 843, 40 (2022).
- 243."VizieR Online Data Catalog: 3rd HAWC cat. of VHE gamma-ray sources (3HWC)," A. Albert *et al.*, *VizieR Online Data Catalog*, *Ap. J.* 905, 76 (2022).

- 244."VizieR Online Data Catalog: HAWC Gamma-Ray survey, AGNs at TeV photon energies," A. Albert *et al.*, VizieR Online Data Catalog, Ap. J. 907, 67 (2022).
- 245."Search for Ultraheavy Dark Matter from Observations of Dwarf Spheroidal Galaxies with VERITAS," D. Tak *et al.*, arXiv preprint arXiv:2302.08784 (2023).
- 246."Searching for TeV Dark Matter in Irregular dwarf galaxies with HAWC Observatory," R. Alfaro *et al.*, arXiv preprint arXiv:2302.07929 (2023).
- 247."VERITAS and Fermi-LAT constraints on the Gamma-ray Emission from Superluminous Supernovae SN2015bn and SN2017egm," A Acharyya *et al.*, arXiv preprint arXiv:2302.06686 (2023).
- 248."VTSCat: The VERITAS Catalog of Gamma-Ray Observations," A. Acharyya *et al.*, Research Notes of the AAS 7 (1), 6 (2023).

CONFERENCE PUBLICATIONS

1. “Monopole Search and Neutrino Astrophysics with Liquid Scintillation Detectors,” R.I. Steinberg, K. Brown, M.L. Cherry, S. Corbató, I. Davidson, D. Kieda, K. Lande, and C.K. Lee, in *Monopole '83*, ed. by J.L. Stone, Plenum, New York (1984).
2. “The Homestake Large Area Scintillation Detector and Cosmic Ray Telescope,” M.L. Cherry, S. Corbató, D. Kieda, K. Lande, C.K. Lee, and R.I. Steinberg, in *Solar Neutrinos and Neutrino Astronomy*, ed. by M.L. Cherry, K. Lande, and W. Fowler, AIP Conf. Proc. No. 126, Amer. Inst. of Physics, New York (1985).
3. “The Homestake Large Area Scintillation Detector and Cosmic Ray Telescope,” M.L. Cherry, S. Corbató, D. Kieda, K. Lande, C.K. Lee, and R.I. Steinberg, in *Proc. Workshop on Cosmic Ray and High Energy Gamma Ray Experiments for the Space Station Era*, ed. by W.V. Jones and J.P. Wefel, LSU Div. of Cont. Educ., Baton Rouge (1985).
4. “The Homestake Surface-Underground Scintillators – Description,” M.L. Cherry, S. Corbató, T. Daily, E.J. Fenyves, D. Kieda, K. Lande, and C.K. Lee, in *Proc. 19th Intl. Cosmic Ray Conf., La Jolla* **8**, 246 (1985).
5. “The Homestake Surface-Underground Scintillators – Initial Results,” M.L. Cherry, S. Corbató, T. Daily, E.J. Fenyves, D. Kieda, K. Lande, and C.K. Lee, in *Proc. 19th Intl. Cosmic Ray Conf., La Jolla* **9**, 523 (1985).
6. “Monopoles and the Homestake Underground Scintillation Detector,” M.L. Cherry, S. Corbató, D. Kieda, K. Lande, C.K. Lee, and R.I. Steinberg, in *Inner Space/Outer Space: The Interface of Cosmology and Particle Physics*, ed. by E.W. Kolb, M.S. Turner, K. Olive, D. Seckel, and D. Lindley, Univ. of Chicago Press, Chicago (1986).
7. “Upper Limits on the Flux of Underground Muons from Cygnus X-3,” M.L. Cherry, S. Corbató, T. Daily, D. Kieda, K. Lande, and C.K. Lee, in *Progress in Electroweak Interactions*, ed. by J. Tran Thanhvan, Editions Frontieres, Gif Sur Yvette **1**, 529 (1986).

8. "Monopoles, Muons, Neutrinos, and Cygnus X-3", M.L. Cherry, S. Corbató, T. Daily, D. Kieda, K. Lande, and C.K. Lee, in *Genesis and Propagation of Cosmic Rays*, ed. by M.M. Shapiro and J.P. Wefel, NATO ASI Series, D. Reidel and Co., Dordrecht (1987).
9. "Mapping the U.H.E. Sky in Search of Point Sources", G. L. Cassiday, *et al.*, *Nucl. Phys. B (Proc. Suppl.)* **14A**, 291 (1990).
10. "Measurement of Cosmic Ray Air Shower Development at Energies Above 10^{17} eV", G. L. Cassiday, *et al.*, *Nucl. Phys. B (Proc. Suppl.)* **14A**, 368 (1990).
11. "The Muon Content of Extensive Air Showers with $E \geq 2 \times 10^{17}$ eV.," G. L. Cassiday *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **9**, 118 (1990).
12. "The Cosmic Ray Primary Composition for $10^{14} < E < 10^{16}$ eV Using Multiple Muons Observed with the Homestake Liquid Scintillation Hodoscope.," D. B. Kieda *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **3**, 112 (1990).
13. "A Search for Sources of Ultra High Energy Cosmic Rays with an Underground Muon Detector.," S. C. Corbató *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **9**, 398 (1990).
14. "Muon and Electron Content of Extensive Air Showers Above 10^{14} eV.," G. L. Cassiday *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **9**, 94 (1990).
15. "A Coarse-Grain Anisotropy Study of Cosmic Rays Above 10^{17} eV.," G. L. Cassiday *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **3**, 196 (1990).
16. "Hercules X-1 Results from the Utah Cerenkov Array.," D. Ciampa *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **2**, 114 (1990).

17. "Cygnus X-3 Results from the Utah Cerenkov Array," G. L. Cassiday *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **2**, 14 (1990).
18. "A Search for 10^{18} eV Point Sources, Including Cygnus X-3," G. L. Cassiday *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **2**, 60 (1990).
19. "The Ultra High Energy Cosmic Ray Spectrum.," G. L. Cassiday *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **3**, 163 (1990).
20. "Fly's Eye Measurement of the Cosmic Ray Composition Above 10^{17} eV.," G. L. Cassiday *et al.*, in *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **3**, 154 (1990).
21. "The HiRes Fly's Eye Project.," G. L. Cassiday *et al.*, *Proc. 21st Intl. Cosmic Ray Conf., Adelaide* **10**, 244 (1990).
22. "Current Prospects for Measurements of Cosmic Rays with Energies Above 10^{19} eV.," D. B. Kieda, *Particle Astrophysics, The NASA Cosmic Ray Program for the 1990's and Beyond*, AIP Proceedings 203, (AIP, New York 1990), 321.
23. "Gamma Ray Astronomy Above 10^{17} eV with the High Resolution Fly's Eye," D. B. Kieda, *AIP Proc. 220, High Energy Gamma Ray Astronomy, Ann Arbor*, ed. J. Matthews, (AIP, New York 1991) p. 270.
24. "The High Resolution Fly's Eye Detector," R. Cooper *et al.*, *Astrophysical Aspects of the Most Energetic Cosmic Rays*, ed. M. Nagano and F. Takahara, (World Scientific, Singapore 1991) p. 345.
25. "Fly's Eye Observations," R. Cooper *et al.*, *Astrophysical Aspects of the Most Energetic Cosmic Rays*, ed. M. Nagano and F. Takahara, (World Scientific, Singapore 1991) p. 34.
26. "Description and Status High Resolution Fly's Eye Detector," R. G. Cooper *et al.*, *Proc. 22nd ICRC, Dublin, Ireland* (1991).

27. "The Ultra High Energy Cosmic Ray Spectrum," R. G. Cooper *et al.*, *Proc. 22ⁿd ICRC, Dublin, Ireland*(1991)
28. "Search for Point Sources of U.H.E. Gamma Rays Using the Utah Čerenkov Array," S. C. Corbató *et al.*, *Proc. 22ⁿd ICRC, Dublin, Ireland*(1991)
29. "A Search for Evidence of Point Sources in the Čerenkov Flash Data from Fly's Eye II," R. G. Cooper *et al.*, *Proc. 22ⁿd ICRC, Dublin, Ireland*(1991)
30. "Measurement of Cosmic Ray Air Shower Development at Energies Above 0.1 EeV," R. G. Cooper *et al.*, *Proc. 22ⁿd ICRC, Dublin, Ireland*(1991)
31. "The High Resolution Fly's Eye (HIRES): Parameters and Motivation," L. Borodovsky *et al.*, *Proc. 22ⁿd ICRC, Dublin, Ireland* (1991)
32. "Observation of Real and Simulated Showers Using the First Two High Resolution Fly's Eye (HIRES) Mirrors," L. Borodovsky *et al.*, *Proc. 22ⁿd ICRC, Dublin, Ireland*(1991)
33. "Limits on Deeply Penetrating Particles From the Fly's Eye Detector," R. Cooper *et al.*, *Proc. 22ⁿd ICRC, Dublin, Ireland*(1991)
34. "Limits on the Neutrino Flux and Resulting High Resolution (HIRES) Fly's Eye Event Rate from the measured Cosmic Ray Proton Spectrum," L. Borodovsky *et al.*, *Proc. 22ⁿd ICRC, Dublin, Ireland*(1991)
35. "Searching For the Sources of Ultra High Energy Cosmic Rays and Gamma Ray Bursts with Ground-Based Detectors", D. B. Kieda, *Vulcano Workshop 1992, Frontier Objects in Astrophysics and Particle Physics*, F. Giovannelli and G. Mannocchi, eds., (Italian Physical Society, Bologna), **40**, 479 (1993).

36. "A Planned Search for UHE Gamma Rays from AGN using the UMC Detector Facility", C. E. Covault *et al.*, Proc. Astrophys. Workshop (Blois) (1992)
37. "Searching for Diffuse Gamma-Rays at Energies above 10^{14} eV with the UMC Detector Facility", C. E. Covault *et al.*, Proc. Astrophys. Workshop (Blois) (1992)
38. "Cosmic Ray Composition Around 10^{18} eV ", T. K. Gaisser *et al.*, Proc. 1992 DPF Meeting (Chicago) (1992)
39. "The HIRES Fly's Eye (HiRes) Prototype Detector ", J. Boyer *et al.*, Proc. 1992 DPF Meeting (Chicago) (1992)
40. "The Fly's Eye Extremely High Energy Cosmic Ray Spectrum," D. Bird *et al.*, Proc. 23rd ICRC, Calgary, Canada(1993)
41. "Cosmic Ray Composition above 0.1 EeV," D. Bird *et al.*, Proc. 23rd ICRC, Calgary, Canada(1993)
42. "A Fly's Eye Search for Point Sources of EeV Air Showers," D. Bird *et al.*, Proc. 23rd ICRC, Calgary, Canada(1993)
43. "Anisotropy Analyses of EeV Air Showers Measured by the Fly's Eye," D. Bird *et al.*, Proc. 23rd ICRC, Calgary, Canada(1993)
44. "Anisotropy Analysis from Stereo Fly's Eye Data," D. Bird *et al.*, Proc. 23rd ICRC, Calgary, Canada(1993)
45. "The High Resolution Fly's Eye (HiRes) Project," D. Bird *et al.*, Proc. 23rd ICRC, Calgary, Canada(1993)
46. "The HiRes Fly's Eye Prototype Detector - A Status Report," D. Bird *et al.*, Proc. 23rd ICRC, Calgary, Canada(1993)

47. "Coincident observation of air showers by the Hires prototype and CASA/MIA experiments," D. Bird *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
48. "Reconstruction Techniques and Tests Using the HiRes Prototype," D. Bird *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
49. "Electronics and Data Acquisition System for the Hires Prototype," D. Bird *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
50. "Calibration of Photomultiplier Tubes for the Hires Experiment," D. Bird *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
51. "Performance of a Prototype FADC Electronics System for the HIRES Fly's Eye," D. Bird *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
52. "A search for 100 TeV γ -Ray Emission From Cygnus X-3 and Hercules X-1 with CASA-MIA," A. Borione *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
53. "A search for Ultra-High Energy Gamma Ray Emission from Active Galactic Nuclei with CASA-MIA," A. Borione *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
54. "CASA-MIA Observation of Cosmic Ray Shadowing By the Sun And Moon," A. Borione *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
55. "A Search for Ultrahigh Energy Emission from the Crab Nebula," A. Borione *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
56. "CASA-MIA Observations of Diffuse Emission from Molecular Clouds," A. Borione *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)

57. "A Strategy to Obtain the Cosmic Ray Energy Spectrum from CASA-MIA Data," A. Borione *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
58. "Examination of Gamma Ray Burst Source Distance Using 100 TeV Gamma Rays," A. Borione *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
59. "A Stereo Imaging Čerenkov Telescope for Study of Primary Composition at the Knee of the All-Particle Spectrum," K. Boothby *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
60. "The Cosmic Ray Composition Above 0.1 EeV - Highlight Talk," P. Sokolsky *et al.*, *Proc. 23rd ICRC, Calgary, Canada*(1993)
61. "A Search for Astrophysical Point Sources of 100 TeV Gamma Rays by the UMC Collaboration", T. McKay *et al.*, Proceedings of the XXVI International Conference on High Energy Physics. Vol. II : Dallas, Texas AIP Conference Proceedings **272** 1203 (1992).
62. "CASA-MIA: A "Precision" EAS Detector", A. Borione *et al.*, *The Seventh International Symposium on Very High Energy Cosmic-Ray Interactions : Ann Arbor, Michigan: AIP Conference Proceedings* **276**, 207 (1993)
63. "Results from the Fly's Eye Experiment", D. J. Bird *et al.*, *5th Conference on the Intersections of Particle and Nuclear Physics : St. Petersburg, Florida (USA) ,AIP Conf. Proc.* **338**, 839 (1995).
64. "Recent Results From the Fly's Eye Experiment," D. J. Bird *et al.*, *Proc. Erice Intl School Astrophysics* (1995)
65. "A search for Diffuse Gamma Rays with Energies above 10^{14} eV from Molecular Clouds in the Galaxy", C. E. Covault *et al.*, *The Second Compton Symposium : College Park, Maryland : AIP Conference Proceedings* **304**, 499 (1995)

66. "A Search for Ultra-High Energy Gamma Rays from Active Galactic Nuclei with CASA-MIA," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
67. "A Search for Ultrahigh Energy Gamma-Ray Emission from the Crab Nebula," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
68. "A Search for Diffuse Sources of Ultra High Energy Gamma-Rays," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
69. "Search for an Ultra High Energy Component of Gamma-Ray Bursts," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
70. "Recent Upgrades to CASA-MIA," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
71. "Composition Studies with the CASA-MIA Detector," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
72. "Search for Ultra High Energy Gamma Rays from Supernova Remnants," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
73. "The Energy Spectrum of Cosmic Rays with the CASA-MIA Air Shower Array," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
74. "Multi-Component Observations of 10^{17} eV EAS with the CASA-MIA and HiRes Detectors," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
75. "CASA-MIA Observation of the Sun and Moon Shadow," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
76. "A Search for Compact Sources of UHE Neutral Radiation," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)

77. "A Dual Imaging Cerenkov Experiment (DICE) for Examining Primary Composition near the Knee of the All Particle Spectrum," K. Boothby *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
78. "Measurement of Angular Distribution of Cerenkov Photons in Extensive Air Showers using the DICE Detector," K. Boothby *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
79. "A Search for Ultra High Energy Gamma-Ray Emission from Cygnus X-3 and Hercules X-1," A. Borione *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
80. "A New Detection Technique for ZeV cosmic rays," D. B. Kieda, *Proc. 24th ICRC, Rome, Italy* (1995)
81. "Anisotropy of Cosmic Rays above 0.1 EeV," D. J. Bird *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
82. "Monitoring Atmospheric Extinction for Air Fluorescence Experiments," D. J. Bird *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
83. "Cosmic Rays Shower Maximum in the 0.01 to 1 EeV Region – Results from HiRes/FE2 Coincident Data," D. J. Bird *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
84. "The Use of GPS Clocks for High Relative Timing Accuracy Between HiRes Sites," D. J. Bird *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
85. "Preliminary Analysis of Monocular HiRes Prototype Data," D. J. Bird *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)
86. "The High Resolution Fly's Eye Project," D. J. Bird *et al.*, *Proc. 24th ICRC, Rome, Italy* (1995)

87. "Atmospheric Quality of the Colorado Plateau as a National Scientific Resource", D. B. Kieda, in *Meeting Summary Report of Summit on Utility Restructuring, ZEV's, and Rethinking the Environment of the West (Midway, Utah, July 1995)*, Center for Resource Management (1995).
88. "Air Cerenkov Detector for the Auger Project", D. B. Kieda, in "Giant Airshower Detector Working Group Design Report", FNAL publication (1997)
89. "Search for Ultra High Energy (UHE) γ -Ray Counterparts of BATSE 3B Catalog Events", M. Catanese *et al.*, in *Huntsville 1995 GRB Meeting* (AIP, New York) 1996.
90. "Atmospheric Studies using the High Resolution Fly's Eye Xenon Flasher Array", L. R. Wiencke *et al.*, SPIE conference Proceedings (Denver, 1996)
91. "Average Depth of Shower Maximum in "Knee" Region as Measured by the Dual Imaging Cerenkov Experiment", K. Boothby *et al.*, Proc. 9th Intl. Symp. on Very High Energy Cosmic Ray Interactions, Karlsruhe (1996)
92. "Air Čerenkov Detection of EeV/ZeV Energy Cosmic Rays, D. B. Kieda Proc. *International Symposium on Extremely High Energy Cosmic Rays: Astrophysics and Observatories (Tanashi, Tokyo Sept 1996)* (M. Nagano, ed., ICRR, Japan) (1997)
93. "Composition and Spectrum Studies with the CASA-MIA Detector," M. Chantell *et al.*, Proc. 25th ICRC, Durban, South Africa (1997)
94. "Search for Isotropic Gamma-Radiation at Ultrahigh Energies," M. Chantell *et al.*, Proc. 25th ICRC, Durban, South Africa (1997)

95. "A Search for Ultrahigh Energy Gamma-ray Emission from Redshift-selected Blazars," M. Chantell *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
96. "Detection Capabilities of a Very Large Array of Atmospheric Cerenkov Detectors," D. Kieda, *Proc. 25th ICRC, Durban, South Africa (1997)*
97. "Measurement of Angular Distribution of ČerenkovPhotons in Extensive Air Showers using the DICE detector," K. Boothby *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
98. "Measurements of elemental composition in the knee region from the DICE experiment," K. Boothby *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
99. "Measuring the Cosmic Ray Composition at the Knee with BLANCA," L. Fortson *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
100. "A Large Non-Imaging ČerenkovDetector at CASA-MIA," L. Fortson *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
101. "Status of the High Resolution Fly's Eye Detector: Operation and Installation," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
102. "The Hires Detector: Pointing Direction and Calibration," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
103. "Stereo Event Reconstruction with the Hires Prototype," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
104. "Atmospheric Monitoring at the High Resolution Fly's Eye : Atmospheric Scattering," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*

105. "Testing the High Resolution Fly's Eye Using Laserscope," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
106. "Calibration and Stability Measurements of a FADC based Data Acquisition for the HiRes Fly's Eye Experiment," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
107. "Multi-Component Observations of 10^{17} eV EAS with a Hybrid Fluorescence and Surface Detector," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
108. "The Capabilities of the High Resolution Fly's Eye Detector," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
109. "Cosmic Ray Composition Measured by Hires in Coincidence with FE2," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
110. "Physics with HiRes Stage 0.5 and Stage 2," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
111. "Atmospheric Monitoring at the High Resolution Fly's Eye: Monitoring Data via the HiRes Laser/Lidar System," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
112. "Atmospheric Monitoring at the High Resolution Fly's Eye: data from the HiRes2 Flasher Array," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
113. "Radio Controlled Light Sources for Atmospheric Monitoring at HiRes," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
114. "A Monte Carlo Study of Reconstruction of Monocular Events having Limited Track Lengths for the High Resolution Fly's Eye," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*

115. "Trigger Sensitivity of the FADC Instrumented Hires Fly's Eye," T. Abu-Zayyad *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
116. "VERITAS: Very Energetic Radiation Imaging Telescope Array System," T. C. Weekes *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
117. "Measurements of Energy Dependence of the Depth of Shower Maximum in the Knee Region from the DICE Experiment," K. Boothby *et al.*, *Proc. 25th ICRC, Durban, South Africa (1997)*
118. "Steerable Laser System for UV Atmospheric Monitoring at the High-Resolution Fly's Eye", L. Wiencke *et al.*, *Proc. SPIE Ultraviolet Atmospheric and Space Remote Sensing: Methods and Instrumentation II*, George R. Carruthers and Kenneth F. Dymond Eds. **3818**, 56 (1999)
119. "Detection of Multi-Joule Cosmic Rays Using Silicon/Solar Panel Detectors," D. B. Kieda, in *Topics in Cosmic-Ray Astrophysics: M. Duvernois, Editor* Horizons in World Physics, Nova Science Publishers **230** (1999).
120. "Quasicrystal Thin Films for Biomedical Applications," O. Symko, W. Park, and D. Kieda. *Proc. 11th Intl. Conf. on Surface Modification Technologies, Paris (1997)*.
121. "VERITAS: Very Energetic Radiation Imaging Telescope Array System," T.C. Weekes *et al.*, *Towards a Major Atmospheric Cerenkov Detector V, Berg-en-Dal*, Space Research Unit, Potchefstroom University for CHE, O.C. de Jager, editor (1997).
122. "Neutrino Physics with the High Resolution Fly's Eye", W. Y. Lee *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah 2*, 483 (1999)

123. "Composition Results at the Knee from CASA-BLANCA", L. F. Fortson *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **3**, 125 (1999)
124. "The Cosmic Ray Composition from 10^{14} to 10^{16} eV", M. A. K Glasmacher *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **3**, 129 (1999)
125. "The Composition near the 'Knee' from Multiparameter Measurements of Air Showers", S. P. Swordy and D. B. Kieda, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **3**, 144(1999)
126. "The Energy Spectrum in the Knee Region from DICE", D. B. Kieda and S. P. Swordy, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **3**, 191 (1999)
127. "The Cosmic ray Energy Spectrum from 10^{14} to 10^{16} eV", M. A. K. Glasmacher *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **3**, 199 (1999)
128. "Study of Broad Scale Anisotropy of Cosmic Ray Arrival Directions from 2×10^{17} eV to 10^{19} eV from Fly's Eye Data", D. J. Bird *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **3**, 251 (1999)
129. "HiRes/MIA Measurements of Extensive Air Shower Development between 10^{17} and 10^{18} eV: Detector Description and Performance", T. Abu-Zayyad *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **3**, 260 (1999)
130. "The Cosmic Ray Energy Spectrum as Measured in Monocular Mode by the High Resolution Fly's Eye Experiment", T. Abu-Zayyad *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **3**, 264 (1999)

131. "A Study in Anisotropy in Arrival Directions in the Highest Energy Cosmic Rays from High Resolution Fly's Eye Results", T. Abu-Zayyad *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **3**, 296 (1999)
132. "High Speed Electronics for Atmospheric Cerenkov Detectors", J. H. Buckley *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 267 (1999)
133. "The Very Energetic Radiation Imaging Telescope Array System (VERITAS)", S. M. Bradbury *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 280 (1999)
134. "Status of the High Resolution Fly's Eye Detector: Operation and Installation", T. Abu-Zayyad *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 349 (1999)
135. "The Telescope Array Project", T. Aoki *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 352 (1999)
136. "Atmospheric Monitoring via Measurements of Scattered Light at the High Resolution Fly's Eye", R. Gray *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 353 (1999)
137. "Time variation of the Vertical Profile of the Atmosphere for Air Fluorescence Measurements", G. Martin *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 361 (1999)
138. "HiRes/MIA Measurements of EAS Development Between 10^{17} and 10^{18} eV", T. Abu-Zayyad *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 365 (1999)

139. "First Stereo Results from the High Resolution Fly's Eye Air Fluorescence Detector", T. Abu-Zayyad *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 369 (1999)
140. "A Steerable Laser System for Atmospheric Monitoring at the High Resolution Fly's Eye", J. R. Mumford *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 377 (1999)
141. "Stereo Measurements of Cosmic Ray Events at the High Resolution Fly's Eye Prototype", L. R. Wiencke *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 381 (1999)
142. "Research and Development Facility at Black Rock Hills Utah for a next Generation Air Fluorescence Detector", L. R. Wiencke *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 389 (1999)
143. "Measurement of the Aerosol Differential Scattering Cross Section Using Hires Fluorescence Detectors", T. Tessier *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 408 (1999)
144. "Atmospheric Monitoring for Transmission Corrections to Air Fluorescence Signals", J. A. J Matthews *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 412 (1999)
145. "Cloud Monitoring for Large Cosmic Ray Sites", R.W. Clay *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 421 (1999)
146. "Calibrating the High Resolution Fly's Eye Detector", B. F. Jones *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 429 (1999)

147. "The HiRes FADC Data Acquisition System", J. Boyer *et al.*, *Proceedings of the 26th International Cosmic Ray Conference, Salt Lake City, Utah* **5**, 441 (1999)
148. "VERITAS: the Very Energetic Radiation Imaging Telescope Array System ", J. Buckley *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
149. "The Whipple Observatory Granite III Upgrade Program", J. P. Finley *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
150. "The Energy Spectrum of Markarian 421 During Strong Flaring Activity in 2000/2001 ", F. Krennrich *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
151. "Observations of Galactic Pulsars and Shell-Type SNRs with the Whipple 10 m Atmospheric Cherenkov Telescope", T.A. Hall *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
152. "Reanalysis of Energy Spectrum and Composition in the DICE Experiment", D. Kieda *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
153. "Exotic PeV Particle Detection Using Direct Cerenkov Light", D. Kieda, S. P. Swordy and S. Wakely, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
154. "Upper limits on TeV gamma-rays from Neutralino Annihilation in the Galactic Center ", K. Kosack *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
155. "The Flaring Activity of Markarian 421 During April 2000 ", D. J. Fegan *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)

156. "Observations of M87 and Mkn40 at Energies $E > 300$ GeV ", S. LeBohec *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
157. "Large Zenith Angle Observations With the High Resolution GRANITE III camera", D. A. Carter-Lewis *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
158. "What Can We Learn about the Extra-Galactic Infrared Background from Markarian 421?", V. Vassiliev *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
159. "TeV Gamma-Ray Observations from the blazar, 1ES2344 with the Whipple Cherenkov Imaging Telescope", H. Badran *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
160. "TeV Gamma-Ray Observations of 1H1426 with the Whipple Cherenkov Imaging Telescope", D. Horan *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
161. "Multiwavelength Observations of Markarian 421", M. Jordan *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
162. " Atmospheric Attenuation and Sky Brightness at 1300 and 2300 m asl", H. Badran *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
163. "Characteristics of upward-going EeV Tau Neutrino Airshowers", D. Kieda, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)

164. “A New High-Resolution Method for Measuring Cosmic Ray Composition beyond 10 TeV”, S. P. Swordy, D. Kieda and S. Wakely, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
165. “Observations of Extreme Flaring Activity from Markarian 421 with the Whipple 10m Telescope”, J. Holder *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
166. “Search for TeV Gamma Ray Emission from 4C39.12 with the Whipple 10 M Cherenkov Telescope”, I. de la Calle *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
167. “VHE Observations of Unidentified EGRET Sources”, T.C. Weekes *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
168. “VERITAS: Very Energetic Radiation Imaging Telescope Array System”, D. Kieda *et al.*, *Proc. XXXVIth Rencontres de Moriond, Les Arcs, France* (2001)
169. “Recent Results from the Whipple Telescope”, D. Kieda *et al.*, *Proc. XXXVIth Rencontres de Moriond, Les Arcs, France* (2001)
170. “Telescope Array Atmospheric Monitoring System at Akeno Observatory”, T. Yamamoto *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
171. “A Simulation for Laser Scattering Experiment and Cloud Monitoring for Telescope Array Atmospheric Monitoring”, M. Chikawa *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
172. “Front-end Electronics of the Telescope Array Detector”, M. Sasaki *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)

173. "Study of the Longitudinal Development of Air Showers with CORSIKA", C. Song *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
174. "Determining the Alignment of HiRes Optics Using a CCD camera", D. R. Bergman *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
175. "Absolute GPS Time Event Generation and Capture for Remote Locations", J. D. Smith *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
176. "Comparisons of CORSIKA-generated Showers with HiRes Data", A. Zech *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
177. "Atmospheric Monitoring in Utah Using the Back Scatter Lidar Method", M. Sasano *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
178. "Anisotropy Studies of Ultra-high Energy Cosmic Rays as Observed by the High Resolution Fly's Eye (HiRes)", J. Bellido *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
179. "Atmospheric Monitoring at HiRes-Hardware Systems 1", M. Roberts *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
180. "Atmospheric Monitoring at HiRes-Hardware Systems 2", L. Wiencke *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
181. "A Monocular Spectrum Analysis Using FADC Timing at HiRes", D. R. Bergman *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)

182. "Atmospheric Analysis Techniques at HiRes", M. Roberts *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
183. "Calibration and Stability of the High Resolution Fly's Eye Detector", B. F. Jones *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
184. "Cloud Detection at the High Resolution Fly's Eye", R. W. Clay *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
185. "Monte Carlo Simulation of the HiRes Experiment", Z. Cao *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
186. "A Fiber-Optic Based Calibration System for the HiRes Experiment", G. Archibold *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
187. "Preliminary Stereo Results from the High Resolution Fly's Eye Cosmic Ray Observatory", K. Reil *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
188. "Description of the High Resolution Fly's Eye", J. Matthews *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
189. "Atmospheric Monitoring at HiRes - The Atmosphere at Dugway", L. Wiencke *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
190. "Measuring Air Shower Speeds with the HiRes Fluorescence Detectors", P. Morrison *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)

191. “Systematic Issues in the HiRes Spectral Measurements”, The HiRes Collaboration, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
192. “Measurement of the Ultrahigh Energy Cosmic Ray Spectrum Using Monocular Data from the High Resolution Fly’s Eye Experiment”, C. Jui *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
193. “Measurement of the Cosmic Ray Energy Spectrum and Composition from 10^{17} to 10^{19} eV Using the HiRes Prototype Detector”, The Hires Collaboration, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
194. “ A Measurement of the Average Longitudinal Development Profile of Cosmic Ray Air Showers Between 10^{17} eV and 10^{18} eV”, Z. Cao *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
195. “The Telescope Array Project”, T. Aoki *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
196. “Measurement of the Cosmic Ray Energy Spectrum from 10^{17} to $10^{18.3}$ eV Using a Hybrid Technique”, Z. Cao *et al.*, *Proceedings of the 27th International Cosmic Ray Conference, Hamburg, Germany* (2001)
197. “Science Capabilities of the VERITAS array of 10m Imaging Atmospheric Cerenkov gamma-ray detectors ”, D. Kieda *et al.*, *Proceedings of SPIE* **4834** (2002)
198. “High Resolution Charge Measurements of UH Cosmic Ray Nuclei Using a Direct Imaging Cherenkov Ground-Based Observatory ”, D. Kieda *et al.*, *Proceedings of SPIE* **4858** (2002)

199. “ANITA Monte Carlo Simulations ”, S.T. Lowe *et al.*, *Proceedings of SPIE* **4858** (2002)
200. “Overview of the ANITA project”, K.M. Liewer *et al.*, *Proceedings of SPIE* **4858** (2002)
201. “Antarctic Impulsive Transient Antenna (ANITA) Instrumentation”, C.J. Naudet *et al.*, *Proceedings of SPIE* **4858** (2002)
202. “Recent Results from the VERITAS Collaboration”, F. Krennrich *et al.*, *Proceedings of The Universe Viewed in Gamma Rays* (ICRR, Tokyo 2003)
203. “The VERITAS project”, R. A. Ong *et al.*, *Proceedings of The Universe Viewed in Gamma Rays* (ICRR, Tokyo 2003)
204. “TeV Observations of the Galactic Center”, K. Kosack *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
205. “Whipple Telescope Observations of Potential TeV Gamma-Ray Sources Found by the Tibet Air Shower Array”, G. Walker *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
206. “Search for TeV Annihilation Radiation from Supersymmetric Dark Matter in Nearby Galaxies”, V. V. Vassiliev *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
207. “Intensive TeV Gamma-Ray and X-Ray Observations of the Blazar Mrk 421 in December 2002 and January 2003”, P. Rebillot *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)

208. “Observation of M87 with the Whipple 10m telescope”, S. LeBohec *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
209. “Search for a WIMP Annihilation Signature in the Core of the Globular Cluster M15”, S. LeBohec *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
210. “A Search for Pulsed TeV Gamma-Ray Emission from the Crab Pulsar using the Whipple High Resolution GRANITE III Camera”, J. Kildea *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
211. “Observations of H1426+428 from 1999 to 2002 with The Whipple Observatory 10 m Telescope”, D. Horan *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
212. “Whipple Observations of 1ES1959+650: an Update”, J. Holder *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
213. “Very High Energy Observations of PSR B1823-13”, T. A. Hall *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
214. “Search for TeV Emission at the Location of Milagro Sky Survey Hot Spot Using the Whipple Gamma-Ray Telescope”, A. Falcone *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
215. “Search for Very High Energy Gamma Rays from an X-ray Selected Blazar Sample”, I. de la Calle Perez *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
216. “Hourly Spectral Variability of Mrk 421”, F. Krennrich *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)

217. “Signal Cable Selection for the VERITAS Observatory”, D. Allen *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
218. “Characteristics of Ultra-Heavy Cosmic Ray Nuclei in the PeV-EeV Energy Region”, D. Kieda, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
219. “Calibration Systems for the VERITAS Observatory”, D. Allen *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
220. “Measurement of the Flux of UHE Cosmic rays by the HiRes Detectors Observing in Monocular Mode”, D. Bergman *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
221. “Stereo Spectrum of UHECR Showers at the HiRes Detector”, R. W. Springer *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
222. “Measurement of the Flux of UHE Cosmic Rays by the Hires Detectors Observing in both Monocular and Stereoscopic Modes”, G. Thompson *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
223. “Anisotropy Studies of Ultra-High Energy Cosmic Rays Using Monocular Data Collected by the High Resolution Fly’s Eye (HiRes)”, J. Bellido *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
224. “Full Sky Anisotropy Study Using the HiRes Stereo Data”, J. Bellido *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)

235. “Small-Scale Anisotropy Studies of Highest Energy Cosmic Rays”, C. Finley *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
236. “Using Fractal Dimensionality in the Search for Source Models of UHECRs ”, B. Stokes *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
237. “Testing the HiRes Detector Simulation Against UHECR Data”, A. Zech *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
238. “UHECR Composition Studies with HiRes Stereo Data”, G. Archbold *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
239. “Checking the Pointing Accuracy of Air Fluorescence Detectors with Star Light”, S. Westerhoff *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
240. “The Absolute Energy Scale of the HiRes Detectors”, J. N. Matthews *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
241. “Absolute Energy Scale of the HiRes Detector”, M. Seman *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
242. “Atmospherics at HiRes”, K. Martens *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
243. “A Measurement of the p-Air inelastic Cross Section at the energies above 10^{18} ”, K. Belov *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
244. “HiRes-3 Prototype”, R. A. Riehle *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)

245. “Probing the HiRes Aperture Near 10^{20} eV with a Distant Laser”, L. R. Weincke *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
246. “Shoot the Shower: Probing Atmospheric Clarity of the Shower/Detector Plane at HiRes”, L. R. Weincke *et al.*, *Proceedings of The 28th International Cosmic Ray Conference* (Tsukuba, Japan 2003)
247. “The VERITAS Prototype and the Upcoming VERITAS Array ”, H. Badran *et al.*, *HIGH ENERGY GAMMA-RAY ASTRONOMY: 2nd International Symposium on High Energy Gamma-Ray Astronomy. AIP Conference Proceedings* **745** 633 (2005).
248. “Very High Energy Observations of Gamma Ray Bursts with the Whipple/VERITAS Telescopes ”, D. Horan *et al.*, *HIGH ENERGY GAMMA-RAY ASTRONOMY: 2nd International Symposium on High Energy Gamma-Ray Astronomy. AIP Conference Proceedings* **745** 591 (2005).
249. “The Very High Energy Gamma-Ray Spectra of IES 1959+650 and Mrk 421 as Measured with the Whipple 10 m Telescope”, M. K. Daniel *et al.*, *HIGH ENERGY GAMMA-RAY ASTRONOMY: 2nd International Symposium on High Energy Gamma-Ray Astronomy. AIP Conference Proceedings* **745** 462 (2005).
250. “Recent Observations of IC443 with the Whipple 10m Telescope ”, J. Holder *et al.*, *HIGH ENERGY GAMMA-RAY ASTRONOMY: 2nd International Symposium on High Energy Gamma-Ray Astronomy. AIP Conference Proceedings* **745** 275 (2005).
251. “Evidence for New Unidentified TeV γ -ray Sources from Recent TeV Sky Surveys ”, D. Kieda *et al.*, *HIGH ENERGY GAMMA-RAY ASTRONOMY: 2nd International Symposium on High Energy Gamma-Ray Astronomy. AIP Conference Proceedings* **745** 691 (2005).

252. “Search for TeV Radiation from Selected Local Group Galaxies”, J. Hall *et al.*, *Proceedings of the 29th International Cosmic Ray Conference* (Pune, India 2005)
253. “Observations of AGN with the First VERITAS Telescope”, P. Cogan *et al.*, *Proceedings of the 29th International Cosmic Ray Conference* (Pune, India 2005)
254. “Spectral Monitoring of Mrk 421 during 2004”, J. Grube *et al.*, *Proceedings of the 29th International Cosmic Ray Conference* (Pune, India 2005)
255. “TeV gamma-ray Observations of the Perseus Galaxy Cluster”, J. S. Perkins *et al.*, *Proceedings of the 29th International Cosmic Ray Conference* (Pune, India 2005)
256. “Point Source And Diffuse Source Sensitivities In GeV/TeV Observatories”, D. B. Kieda, *7th Workshop on Towards a Network of Atmospheric Cherenkov Detectors 2005, Palaiseau, France, 27-29 Apr 2005* 437 (2006).
256. “VERITAS: History and Status”, T. C. Weekes *et al.*, *7th Workshop on Towards a Network of Atmospheric Cherenkov Detectors 2005, Palaiseau, France, 27-29 Apr 2005* 437 (2006).
257. “Deployment of the VERITAS Observatory”, S. Lebohec *et al.*, *J. Phys:CS* **47**, 232 (2006).
258. “Status Report from VERITAS”, F. Krennrich *et al.*, *J. Phys:CS* **60**, 34 (2007).
259. “Status of the VERITAS Gamma-Ray Observatory”, D. B. Kieda, *AIP Conference Proceedings, The First GLAST Symposium* **921**, 80 (2007).

260. “The TrICE Prototype MAMPT Imaging Camera”, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
261. “Studies of Direct Cerenkov Emission with VERITAS”, S. wissel *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
262. “TeV and X-ray monitoring of LS I +61 303 with VERITAS, SWIFT, and RXTE”, A. Smith *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
263. “Observations of Pulsar Wind Nebulae with VERITAS”, A. Konopelko *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
264. “100 TeV Observations of the Cygnus Region by CASA-MIA”, R.A. Ong *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
265. “Observation of the Supernova Remnant IC 443 with VERITAS”, B. Humensky *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
266. “ VERITAS Observations of potential MGRO VHE Gamma-Ray Sources”, D. Kieda *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
267. “Observations of the Crab with VERITAS”, O. celik *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
268. “Observations of the Crab Nebula with the Whipple 10 m Telescope”, J. Grube *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).

269. “The Whipple Strip Sky Survey”, M. Kertzman *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
270. “Observation of the binary system LSI +61 303 in Very High Energy Gamma-Rays with VERITAS”, G. Maier *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
271. “Observations of the high-frequency-peaked BL Lac object 1ES 1218 +30.4 with VERITAS”, P. Fortin *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
272. “Observations of M87 with VERITAS”, P. Colin *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
273. “Blazar Observations with the VERITAS Experiment”, H. Krawczynski *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
274. “Observations of Mrk 421 and Mrk 501 in Spring 2006 with VERITAS”, S. Fegan *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
275. “Observations of 1ES 0647+250 and 1ES 0806+524 with VERITAS”, P. Cogan *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
276. “Observations of Gamma-ray Bursts with VERITAS and Whipple”, D. Horan *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
277. “VERITAS: Status and Latest Results”, G. Maier *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).

278. “The VERITAS Standard Data Analysis”, M. Daniel *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
279. “Application of radisonde data to VERITAS simulations”, M. Daniel *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
280. “Analysis of Flash ADC Data With VERITAS”, P. Cogan *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
281. “VEGAS, the VERITAS Gamma-ray Analysis Suite”, P. Cogan *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
282. “Monte Carlo studies of the VERITAS array of Cherenkov telescopes”, G. Maier *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
283. “Calibration of the VERITAS Gamma-ray Telescopes”, D. Hanna *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
284. “Focal Plane Instrumentation of VERITAS array”, T. Nagai *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
285. “ Laser Atmospheric Studies with VERITAS”, M. Hui *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
286. “A Probability Density Method for VHE Gamma-Ray Source Analysis”, A. Syson *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).

287. “The VERITAS Trigger System”, A. Weinstein *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
288. “VERITAS Data Acquisition”, E. Hays *et al.*, *Proceedings of the 30th International Cosmic Ray Conference* (Puebla, Mexico 2007).
289. “Deployment of a Pair of 3 M telescopes in Utah”, G. Finnegan *et al.*, *Proceedings of the 4th International Meeting on High Energy Gamma-Ray Astronomy. AIP Conference Proceedings* **1085**, 746 (2008)
290. “Site Characteristics of Southern Utah Sites for Astronomical Observatories”, P. Gondolo *et al.*, *Proceedings of the 4th International Meeting on High Energy Gamma-Ray Astronomy. AIP Conference Proceedings* **1085**, 842 (2008)
291. “Status of the VERITAS Observatory”, J. Holder *et al.*, *Proceedings of the 4th International Meeting on High Energy Gamma-Ray Astronomy. AIP Conference Proceedings* **1085**, 657 (2008)
292. “ Search for TeV Emission from Geminga by the VERITAS Observatory”, D. Kieda *et al.*, *Proceedings of the 4th International Meeting on High Energy Gamma-Ray Astronomy. AIP Conference Proceedings* **1085**, 269 (2008)
293. “Toward a revival of stellar intensity interferometry ”, S. Lebohec *et al.*, *Optical and Infrared Interferometry. Edited by Schuller, Markus; Danchi, William C.; Delplancke, Françoise. Proceedings of the SPIE* **7013** (2008)
294. “The Origin of the Galactic Cosmic Radiation”, G. Sinnis *et al.*, *Astro2010: The Astronomy and Astrophysics Decadal Survey, Science White Papers, no. 275* (2009)

295. “Stellar intensity interferometry: Experimental steps toward long-baseline observations,” S. LeBohec *et al.*, *Proc. SPIE Int. Soc. Opt. Eng.* **7734**, 773448 (2010).
296. “Stellar Intensity Interferometry: Imaging capabilities of air Cherenkov telescope arrays,” P. D. Nunez *et al.*, *Proc. SPIE Int. Soc. Opt. Eng.* **7734**, 77341C (2010).
297. “VERITAS: Status and Highlights,” J. Holder *et al.*, *Proc. 32nd International Cosmic Ray Conference, Beijing, China*, **astro-ph/1111.1225** (2011).
298. “Multiwavelength Observations of the Previously Unidentified Blazar RX J0648.7+1516,” E. Aliu *et al.*, *Proc. 32nd International Cosmic Ray Conference, Beijing, China*, **astro-ph/1110.5949** (2011).
299. “Orbit Mode observations of Crab and Mrk 421,” D. B. Kieda, *et al.*, *Proc. 32nd International Cosmic Ray Conference, Beijing, China*, **astro-ph/1110.5974** (2011).
300. “Status of the VERITAS Upgrade,” D. B. Kieda, *et al.*, *Proc. 32nd International Cosmic Ray Conference, Beijing, China*, **astro-ph/1110.4360** (2011).
301. “The BigBOSS Experiment,” D. Schlegel *et al.*, *FERMILAB-FN-0932-AE-CD*. **astro-ph/1106.1706v1** (2011).
302. “The BigBOSS Experiment,” D. Schlegel *et al.*, **astro-ph/1106.1706** (2011).
303. “Imaging Hot Stars at Very High Angular Resolution with Intensity Interferometry,” P.D. Nunez *et al.*, *ASPC* **464**, 43 (2012).
304. “CF2 White Paper: Status and Prospects of The VERITAS Indirect Dark Matter Detection Program,” A.W. Smith *et al.*, eprint arXiv:1304.6367 (2013).

305. "Compilation of CTA contributions to the proceedings of the 33rd International Cosmic Ray Conference (ICRC2013)," O. Abril *et al.*, eprint arXiv:1307.2232 (2013).
306. "VERITAS contributions to the 33rd International Cosmic Ray Conference," E. Aliu *et al.*, eprint arXiv:1308.6173 (2013).
307. "The HAWC Gamma-Ray Observatory: Design, Calibration, and Operation," A. U. Abeysekara *et al.*, eprint arXiv:1310.0074 (2013).
308. "The HAWC Gamma-Ray Observatory: Observations of Cosmic Rays," A. U. Abeysekara *et al.*, eprint arXiv:1310.0072 (2013).
309. "The HAWC Gamma-Ray Observatory: Dark Matter, Cosmology, and Fundamental Physics," A. U. Abeysekara *et al.*, arXiv:1310.0073 (2013).
310. "The HAWC Gamma-Ray Observatory: Sensitivity to Steady and Transient Sources of Gamma Rays," A. U. Abeysekara *et al.*, eprint arXiv:1310.0071 (2013).
311. "An Updated Analysis of the DICE Energy Spectrum and Depth of Shower Maximum," C. G. Larsen and D. Kieda, *Proc. 33rd ICRC, Rio De Janeiro* (2013).
312. "VizieR Online Data Catalog: Mrk421 in March 2010," J. Aleksic *et al.*, VizieR On-line Data Catalog: J/A+A/578/A22 (2015).
313. "HAWC Contributions to the 34th International Cosmic Ray Conference (ICRC2015)," A. U. Abeysekara *et al.*, eprint arXiv:1508.03327 (2015).
314. "CTA Contributions to the 34th International Cosmic Ray Conference (ICRC2015)," A. Achiche *et al.*, eprint arXiv:1508.05894 (2015).

315. "Search for TeV Gamma-Ray Emission from Point-like Sources in the Inner Galactic Plane with a Partial Configuration of the HAWC Observatory," A. U. Abeysekara *et al.*, eprint arXiv:1509.05401 (2015).
316. "A Medium Sized Schwarzschild-Couder Cherenkov Telescope Mechanical Design Proposed for the Cherenkov Telescope Array," K. Byrum *et al.*, eprint arXiv:1509.03074 (2015).
317. "Construction of a Schwarzschild-Couder telescope as a candidate for the Cherenkov Telescope Array: status of the optical system," K. Byrum *et al.*, eprint arXiv:1509.01143 (2015).
318. "Science Highlights from VERITAS," D. Stasak *et al.*, eprint arXiv:1510.01269 (2015).
318. VERITAS Collaboration Contributions to the 34th International Cosmic Ray Conference, The VERITAS Collaboration, in *34th International Cosmic Ray Conference* POS(ICRC2015) vol. 34. (2015)
319. Toward the construction of a medium size prototype Schwarzschild-Couder telescope for CTA, J. Rousselle, *et al.*, in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, vol. 9603. doi:10.1117/12.2188381 (2015)
320. CTA Contributions to the 34th International Cosmic Ray Conference (ICRC2015), The CTA Collaboration, in *34th International Cosmic Ray Conference* POS(ICRC2015) vol. 34 (2015).
321. HAWC Contributions to the 34th International Cosmic Ray Conference (ICRC2015), The HAWC Collaboration, in *34th International Cosmic Ray Conference* POS (ICRC2015), vol. 34 (2015).

321. A Medium Sized Schwarzschild-Couder Cherenkov Telescope Design Proposed for the Cherenkov Telescope Array, W. Benbow *et al.*, in *34th International Cosmic Ray Conference* POS(ICRC2015), vol. 34 (2015).
323. Construction of a Schwarzschild-Couder telescope as a candidate for the Cherenkov Telescope Array: Implementation of the optics, J. Rousselle *et al.*, in *34th International Cosmic Ray Conference* POS(ICRC2015) vol. 34 (2015).
324. VERITAS Discovery of Very High-Energy Gamma-Ray Emission from RGB J2243+203, D. Kieda, D. and VERITAS Collaboration, in *34th International Cosmic Ray Conference* POS(ICRC2015) vol. 34 (2015).
325. "Contributions of the Cherenkov Telescope Array (CTA) to the 6th International Symposium on High-Energy Gamma-Ray Astronomy (Gamma 2016)," A. Abchiche *et al.*, eprint arXiv:1610.05151 (2016).
326. "Recent Advances in Ground-Based Gamma-Ray Particle Astrophysics," D. Kieda *et al.*, Proc. XLVI International Symposium on Multiparticle Dynamics, EPJ Web of Conferences, (2016).
327. "Stellar Intensity Interferometric Capabilities of IACT Arrays", D. Kieda and N. Matthews, *Proceedings of Science* POS(ICRC2017), 828 (2017).
328. "Detection of Near-Horizontal Muons with the HAWC Observatory", A.S. Barber *et al.*, *Proceedings of Science* POS(ICRC2017) 512 arXiv:1710.04290 (2017).
329. "Prototype 9.7 m Schwarzschild-Couder telescope for the Cherenkov Telescope Array: status of the optical system, D. Nieto *et al.*, *Proceedings of Science* POS(ICRC2017), 815 (2017).

330. VERITAS contributions to the 35th International Cosmic Ray Conference, A. U. Abeysekara *et al.*, in *35th International Cosmic Ray Conference* POS(ICRC2017) vol. 301 (2017).
331. Prototype 9.7 m Schwarzschild-Couder telescope for the Cherenkov Telescope Array: status of the optical system, D. Nieto *et al.*, in *35th International Cosmic Ray Conference* POS(ICRC2017) vol. 301 (2017).
332. Cherenkov Telescope Array Contributions to the 35th International Cosmic Ray Conference (ICRC2017), F. Acero *et al.*, in *35th International Cosmic Ray Conference* POS(ICRC2017) vol. 301 (2017).
333. ‘HAWC Contributions to the 35th International Cosmic Ray Conference (ICRC2017), A. U. Abeysekara *et al.*, in *35th International Cosmic Ray Conference* POS(ICRC2017) vol. 301 (2017).
334. Stellar Intensity Interferometric Capabilities of IACT Arrays, D. Kieda and N. Matthews, in *35th International Cosmic Ray Conference* POS(ICRC2017) vol. 301 (2017).
335. Prototype 9.7m Schwarzschild-Couder telescope for the Cherenkov Telescope Array: status of the optical system, ‘D. Nieto Castao *et al.*, *35th International Cosmic Ray Conference* POS(ICRC2017) vol. 301 (2017).
336. Detection of Near Horizontal Muons with the HAWC Observatory, A. Barber, D. Kieda, R. W. Springer, and HAWC Collaboration in *35th International Cosmic Ray Conference* POS(ICRC2017) vol. 301 (2017).
337. ‘Simulation of Near Horizontal Muons and Muon Bundles for the HAWC Observatory with CORSIKA, A. Barber, D. Kieda, R. W. Springer, and HAWC Collaboration in *35th International Cosmic Ray Conference* POS(ICRC2017) vol. 301 (2017).

338. “The Consortium for Dark Sky Studies: A Transdisciplinary Institute for Understanding the Loss of the Night’,’ J. Barentine, D. Kieda, S. Goldsmith, B. Foott and J. Muir, *American Astronomical Society, AAS Meeting* **231**, id.142.01 (2018).
339. Implementation of an intensity interferometry system on the Star-Base observatory, N. Matthews, O. Clarke, S. Snow, S. LeBohec, and D. Kieda, in *Proceedings of the SPIE*, **10701**, id. 107010W (2018).
340. VizieR Online Data Catalog: Five years of blazar observations with VERITAS,” S. Archambault *et al.*, *VizieR Online Data Catalog*, 2018yCat..51510142A (2018).
341. Characterization and assembly of near-ultraviolet SiPMs for the Schwarzschild-Couder medium-size telescope proposed for the CTA Observatory, C. Adams *et al.*, in Proceedings of the SPIE, Volume 11114, id. 111140D 9 pp. (2019).
342. Camera design and performance of the prototype Schwarzschild-Couder Telescope for the Cherenkov Telescope Array, C. Adams *et al.*, in *36th International Cosmic Ray Conference POS(ICRC2019)* vol. 36 (2019).
343. Prototype Schwarzschild-Couder Telescope for the Cherenkov Telescope Array: Commissioning Status of the Optical System, C. Adams *et al.*, in *36th International Cosmic Ray Conference POS(ICRC2019)* vol. 36 (2019).
344. Development and operations of INFN optical modules for the SCT Telescope camera proposed for the Cherenkov Telescope Array Observatory, C. Adams *et al.*, in *36th International Cosmic Ray Conference POS(ICRC2019)* vol. 36 (2019).
345. VERITAS contributions to the 36th International Cosmic Ray Conference, A. U. Abeysekara *et al.*, in *36th International Cosmic Ray Conference POS(ICRC2019)* vol. 36 (2019).

346. HAWC Contributions to the 36th International Cosmic Ray Conference (ICRC2019), A. U. Abeysekara *et al.*, in *36th International Cosmic Ray Conference* POS(ICRC2019) vol. 36 (2019).
346. Augmentation of VERITAS Imaging Atmospheric Cherenkov Telescopes for Stellar Intensity Interferometry, D. Kieda, S. LeBohec, R. Cardon and the VERITAS Collaboration in *36th International Cosmic Ray Conference* POS(ICRC2019) vol. 36 (2019).
348. Characterizing the VHE Emission of LS I +61 303 using VERITAS Observations, D. Kieda and the VERITAS Collaboration in *36th International Cosmic Ray Conference* POS(ICRC2019) vol. 36 (2019).
349. Prototype Schwarzschild-Couder Telescope for the Cherenkov Telescope Array: Commissioning Status of the Optical System, Q. Feng *et al.*, in *36th International Cosmic Ray Conference* POS(ICRC2019) vol. 36 (2019).
350. A Fiber Optic Based High Voltage System for Stellar Intensity Interferometry Observations, R. Cardon, N. Matthews, A. U. Abeysekara, D. Kieda in *36th International Cosmic Ray Conference* POS(ICRC2019) 643 (2019).
351. Measurement of the Integral Intensity of Near Horizontal Muons with HAWC, A. Barber, D. Kieda, and R. W. Springer in *36th International Cosmic Ray Conference* POS(ICRC2019) vol. 36 (2019).
352. First astrophysical results with the VERITAS Stellar Intensity Interferometer, N. Matthews, A. Flinders, R. Cardon, S. Lebohec, D. Kieda and VERITAS Collaboration, in *36th International Cosmic Ray Conference* POS(ICRC2019) vol. 36 (2019).
353. Verification of the Optical System of the 9.7-m Prototype Schwarzschild-Couder Telescope, C. Adams *et al.*, *Proc. SPIE Optical Engineering + Application*, doi:10.1117/12.2568134 (2020).

354. HAWC Collaboration, Galactic Cosmic Ray increase associated to an interplanetary magnetic cloud observed by HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
355. Brown, A., Trinity: an imaging air Cherenkov telescope to search for Ultra-High-Energy neutrinos., in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
356. HAWC Collaboration, Horizontal muon track identification with neural networks in HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
357. Ayala, H., Multimessenger NuEM Alerts with AMON, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
358. Jin, W., VERITAS follow-up observation of the blazar TXS 0506+056, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
359. Prez, Y. F., Constraints on the Very High Energy Gamma-Ray Emission with HAWC., in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
360. VERITAS Collaboration, Gamma-ray and Optical Observations of Repeating Fast Radio Bursts with VERITAS, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
361. VERITAS Collaboration, TeV and Optical Observations of the Be/pulsar binary 1A0535+262 during the 2020 giant outburst, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
362. Carramiana Alonso, A., HAWC results on TeV emitting blazars, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).

363. HAWC Collaboration, A Novel Approach towards the Search for Gamma-ray Emission from the Northern Fermi Bubble with HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
364. Torres Escobedo, R., Follow-up Analysis to Geminga's contribution to the Local Positron Excess with HAWC Gamma-Ray Observatory, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
365. Urea Mena, F., Modeling the non-flaring VHE emission from M87 as detected by the HAWC gamma ray observatory, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
366. HAWC Collaboration, Study of the eHWC J1825-134 at the Highest Energy with HWAC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
367. Capistran, T., Monitoring the radio galaxy M87 with HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
368. HAWC Collaboration, Spectral and Energy Morphology Analysis Study of HAWC J2031+415, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
369. Ryan, J., VERITAS Observations of the Galactic Center Region at Multi-TeV Gamma-Ray Energies, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
370. Kieda, D., Very High Energy Gamma-ray Emission from the Binary System LS I +61 303, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
371. HAWC Collaboration, Particle Acceleration in the Cygnus Superbubble, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*

372. Mode, B., Detection of the Crab Nebula by the prototype Schwarzschild-Couder Telescope, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
373. HAWC Collaboration, Limits on the Diffuse Gamma-Ray Background with HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, (2022).*
374. HAWC Collaboration, Characterizing gamma-ray sources with HAL (HAWC Accelerated likelihood) and 3ML, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, 2022.*
375. HAWC Collaboration, Study of the morphology of the region surrounding eHWC J1850+001, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, 2022.*
376. HAWC Collaboration, A GeV to TeV view of shell-type SNRs, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, 2022.*
377. Rho, C. D., Studying High-Mass Microquasars with HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, 2022.*
378. Patel, S., VTSCat: The VERITAS Catalog of Gamma-Ray Observations, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, 2022.*
379. HAWC Collaboration, A search for spectral hardening in HAWC sources above 56 TeV, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, 2022.*
380. HAWC Collaboration, The Ultra-High-Energy Source MGRO J1908+06, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin, 2022.*

381. Kieda, D., Davis, J., LeBohec, T., Lisa, M., and et al., The VERITAS-Stellar Intensity Interferometry (VSII) survey of Stellar Diameters, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
382. Watson, I., Convolutional Neural Networks for Low Energy Gamma-Ray Air Shower Identification with HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
383. Flanagan, K., Identifying muon rings in VERITAS data using convolutional neural networks trained on images classified with Muon Hunters 2, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
384. Capistrn, T., Use of Machine Learning for gamma/hadron separation with HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
385. Olivera-Nieto, L., Standardized formats for gamma-ray analysis applied to HAWC observatory data, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
386. Nieves Rosillo, M., The throughput calibration of the VERITAS telescopes, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
387. Ribeiro, D., Prototype Schwarzschild-Couder Telescope for the Cherenkov Telescope Array: Commissioning the Optical System, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
388. Kieda, D., Jonathan, D., Tugdual, L., and et al., Status of the VERITAS Stellar Intensity Interferometry (VSII) System, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).

389. Harding, P., An Optimized Search for Dark Matter in the Galactic Halo with HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
390. Nisa, M., Search for TeV decaying dark matter from the Virgo cluster of galaxies, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
391. HAWC Collaboration, Limits on Diffuse Dark Matter with HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
392. Armand, C., Combined dark matter searches towards dwarf spheroidal galaxies with Fermi-LAT, HAWC, H.E.S.S., MAGIC, and VERITAS, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
393. Arteaga Velazquez, J. C., HAWC measurements of the energy spectra of cosmic ray protons, helium and heavy nuclei in the TeV range, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
394. Morales-Soto, J. A., The all-particle cosmic ray energy spectrum measured with HAWC, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
395. HAWC Collaboration, Reconstruction of Nearly-Horizontal Muons in the HAWC Observatory, in *37th International Cosmic Ray Conference. 12-23 July 2021. Berlin*, (2022).
396. Zanin, R., "CTA the World's largest ground-based gamma-ray observatory", in *37th International Cosmic Ray Conference. 12-23 July 2021, Berlin*, (2022).
397. Brown, A. M. *et al.*, "Trinity: An Imaging Air Cherenkov Telescope to Search for Ultra-High-Energy Neutrinos," *PoS(ICRC2021)1179* (2021).

398. Adams, C. B. *et al.*, "Design and performance of the prototype Schwarzschild-Couder Telescope camera," *PoS(ICRC2021)* (2021).
399. Adams, C. B. *et al.*, "Technical and scientific performance of the prototype Schwarzschild-Couder telescope for CTA," *Proceedings of the SPIE*, **11820**, 118200E (2021).
400. Kieda, D. B. *et al.*, "Performance of the upgraded VERITAS Stellar Intensity Interferometer (VSII)," *Proc. SPIE Optical and Infrared Interferometry and Imaging VIII* **12183**, 142 (2022).
401. Vassiliev, V. V. *et al.*, "Prototype Schwarzschild-Couder Telescope for the medium-sized telescope of Cherenkov Telescope Array Observatory," *Proc. SPIE Ground-based and Airborne Telescopes IX* **12182**, 121820N (2022).

BOOKS AND CDROMS EDITED/PUBLISHED

1. "Proceedings of the 26th International Cosmic Ray Conference," D. Kieda, M. Salamon, and B. Dingus, editors *University of Utah, Salt Lake City, Utah* (1999) (7 volumes)
2. "Proceedings of the 26th International Cosmic Ray Conference: Contributed Papers (CDROM)," D. Kieda, M. Salamon, and B. Dingus, editors *University of Utah, Salt Lake City, Utah* (1999)
3. "Proceedings of the 26th International Cosmic Ray Conference: Invited, Rapporteur, and Highlight Papers," B. Dingus, D. Kieda, and M. Salamon, editors *AIP Conference Proceedings 516*, AIP Melville, NY(2000)
4. "Utah TeV Workshop: Towards a Major Atmospheric Detector VI," B. Dingus, M. Salamon, and D. Kieda, editors *AIP Conference Proceedings 515*, AIP, Melville, NY (2000)
5. "Proceedings of the 2009 SnowBird Particle Astrophysics and Cosmology Workshop (SNOWPAC2009)", D. Kieda and P. Gondolo, editors *ASP Conference Series 426* ASP, (2010)
6. "Science with the Cherenkov Telescope Array," B. S. Acharya *et al.*, *World Scientific, New Jersey* eprint arXiv:1709.07997 (2018).
7. "Pathways to Discovery in Astronomy and Astrophysics for the 2020s," Committee for a Decadal Survey on Astronomy and Astrophysics 2020 (Astro2020), *The National Academies Press, Washington, DC*, DOI: <https://doi.org/10.17226/26141> (2021).

National Academy of Science White Papers (ASTRO 2020 survey)

1. “Science opportunities enabled by the era of Visible Band Stellar Imaging with sub-100 μ arc-sec angular resolution,” D. Kieda *et al.* NAS Astro2020 Science White paper *arXiv:1908.03164(2019)*
2. “Astro2020 White Paper State of the Profession: Intensity Interferometry,” D. Kieda *et al.* NAS Astro2020 APC White paper *arXiv:1907.13181 (2019)*
3. “Astro2020 White Paper State of the Profession: The Southern Wide-Field Gamma-Ray Observatory (SWG0): A Next-Generation Ground-Based Survey Instrument for VHE Gamma-Ray Astronomy,” P. Abreau *et al.* NAS Astro2020 APC White paper *arXiv:1907.07737 (2019)*
4. “Where are the Pevatrons?,” P. Cristofari *et al.* NAS Astro2020 Science White paper *BAAS 51 (3) (2019)*
5. “Pulsars in a Bubble? Following Electron Diffusion in the Galaxy with TeV Gamma Rays,” H. Fleischack *et al.* NAS Astro2020 Science White paper *arXiv:1903.07647 (2019)*
6. “The Cherenkov Telescope Array,” D. Williams *et al.* NAS Astro2020 Science White paper no. 291; Bulletin of the American Astronomical Society, Vol. 51, Issue 7, id. 291 (2019)

INVITED/PLENARY TALKS, COLLOQUIUM and SEMINARS

- “Ultra-high Resolution of Stars using the VERITAS Observatory
Summer REU Colloquium
Department of Physics and Astronomy
University of Utah
July 13, 2022
- “Accelerating the Mental Health and Well-Being Agenda”
Summer Meeting, Council of Graduate Schools 2022
Minneapolis, MN
July 10, 2022
- ”Should I Go to Graduate School?”
Graduate Admissions Mini-Expo
University of Utah
June 23, 2022
- “Graduate School Considerations for Masters and Doctoral Programs,”
BYU Graduate Career Panel
April 5, 2022
- “Improving Graduate Student Health Insurance”
Western Association of Graduate School Annual Meeting 2022
Virtual Meeting
March 22, 2022
- “Ultra-high Resolution of Stars using the VERITAS Observatory
Undergraduate Seminar Physics 1970
Department of Physics and Astronomy
University of Utah
February 25, 2022
- “Uncovering the origin of highest-energy cosmic rays with the VERITAS
gamma-ray observatory,”
Jashore University of Science and Technology
Jamal Nazrul Islam Astronomy Club
Particle Astrophysics Seminar
Jessore, Bangladesh
November 3 , 2021
- “Visible-Band Observations of Nearby Stars with Sub-milliarcsecond
Resolution Using Stellar Intensity Interferometry,”
International Webinar in Physics
Dept of Physics, Pabna University of Science and Technology
Pabna, Bangladesh
July 8, 2021

- “Uncovering the origin of highest-energy cosmic rays with the VERITAS gamma-ray observatory,”
 University of Maryland-College Park
 Particle Astrophysics Seminar
 College Park, Md
 April 29, 2021
- “Actionable Outcome Data on Graduate Alumni: a discussion with the University of Utah and Academic Analytics,”
 Western Association of Graduate School Annual Meeting 2021
 Virtual Meeting
 March 22, 2021
- “Uncovering the origin of highest-energy cosmic rays with the VERITAS gamma-ray observatory,”
 Royal Astronomical Society of Canada -Calgary Centre
 March 18, 2021
- “Graduate School Admissions in STEM fields,”
 BYU Graduate Career Panel
 November 24, 2020
- “Graduate Education in the post-COVID Era,”
 Council of Graduate Schools
 Future of Research Focus Series
 November 10, 2020
- “Graduate School Initiatives to work in the COVID era,”
 NORC/NSF/CGS Public Panel discussion
 October 29, 2020
- “Using AI Software to Accelerate Thesis Office Clearance Process”
 Western Association of Graduate Schools Annual Meeting
 Albuquerque, NM
 March 10, 2020
- “Rebooting the UU Graduate Tuition Benefits with Faculty Support,”
 Western Association of Graduate Schools Annual Meeting
 Albuquerque, NM
 March 10, 2020
- “Status of the CTA Stellar Intensity Interferometry/Optical Transient Working Group,”
 CTA Consortium Meeting
 Bologna, Italy
 Oct 22, 2019

- “Towards the development of visible band astronomical imaging with multi-kilometer baselines,”
Physics Department Colloquium
Ohio State University
Columbus, OH
September 3, 2019
- “Highlights of the New VERITAS-SII Results”
CTA Consortium Meeting
Lugano, Switzerland
June 6, 2019
- “Ultra-high Resolution Astronomical imaging using quantum properties of light,”
Physics Department Colloquium
Idaho State University
Pocatello, ID
November 5, 2018
- “Ultra-high Resolution Astronomical imaging using quantum properties of light,”
Summer REU Seminar
University of Utah
Salt Lake City, UT
July 25, 2018
- “Ultra-high Resolution Astronomical imaging using quantum properties of light,”
Physics Department Colloquium
Georgia Tech University
Atlanta, GA
October 1, 2018
- “Ultra-high Resolution Astronomical imaging using quantum properties of light,”
PACIFIC 2018 Particle Astrophysics Meeting
Sapporo, Japan
February 18, 2018
- “Ultra-high Resolution Astronomical imaging using quantum properties of light,”
Physics Department Colloquium
Brigham Young University
Provo, Utah
November 29, 2017
- “Development of the Quantum Astronomy”
Undergraduate Seminar
University of Utah
Salt Lake City, Utah
September 14, 2017

- “Ultra-high Resolution Astronomical imaging using quantum properties of light,”
Summer REU seminar
University of Utah
Salt Lake City, Utah
July 26, 2017
- “Using HBT Interferometry for Astronomical Imaging,”
47th Winter Colloquium on the Physics of Quantum Electronics
(PQE 2017)
Snowbird, Utah
January 9, 2017
- “Using HBT Interferometry for Ultra-high Resolution Astronomical Imaging”
SCI Institute Department Seminar
University of Utah
Salt Lake City, Utah
November 29, 2016
- “Development of the Quantum Astronomy”
Undergraduate Seminar
University of Utah
Salt Lake City, Utah
October 20, 2016
- “Recent Advances in Ground-Based Gamma-Ray Particle Astrophysics,”
XLVI International Symposium on Multiparticle Dynamics
(ISMD2016)
Seogwipo, Jeju-do, South Korea
September 1, 2016
- “Ultra-High Resolution Astronomical Imaging and Stellar Intensity Interferometry,”
Physics Department Colloquium
University of Alexandria
Alexandria, Egypt
November 21, 2015
- “VHE gamma-ray astronomy: The New Window on the Universe,”
Physics department Colloquium
University of Alexandria
Alexandria, Egypt
November 20, 2014
- “Promoting Graduate Student Mentorship,”
MRSEC Weekly Seminar
University of Utah
July 14, 2015

- “Ultra-High Resolution Astronomical Imaging and Stellar Intensity Inteferometry,”
PACIFIC 2014 Conference
Gump Research Station
Moorea, French Polynesia
September 18, 2014
- “CTA/Stellar Intensity Interferometry Update,”
Workshop on HBT Interferometry
Observatoire de al Cote d’Azure
Nice, France
May 13, 2014
- “Science Possibilities with Very-Low and Ultra-High
Resolution Cherenkov Imaging Arrays,”
Workshop on Non-Imaging Cherenkov Arrays
University of Utah
August 22, 2013
- “Cosmic Ray Energy Spectrum & Composition with the DICE Observatory,”
Workshop on Non-Imaging Cherenkov Arrays
University of Utah
August 22, 2013
- “Uncovering Pulsar Dynamics and Evolution using VHE gamma-rays,”
Physics Department Colloquium
Idaho State University
April 22, 2013
- “Studies of Galactic VHE γ -Ray Origin with VERITAS”
PACIFIC 2012 Conference
Gump Research Station
Moorea, French Polynesia
September 3, 2012
- “State of the Department 2012”
Physics Department Colloquium
University of Utah
Salt Lake City, Utah
August 23, 2012
- “VHE Gamma-ray Cherenkov Telescopes”
Solar CPV Electrical Power Workshop
SouthWest Solar Technologies
Phoenix, AZ
December 6, 2011

- “Intensity Interferometry with Large Light Buckets ”
 Solar CPV Electrical Power Workshop
 SouthWest Solar Technologies
 Phoenix, AZ
 December 6, 2011
- “Gamma-Ray Astronomy and Particle Astrophysics with the VERITAS Observatory”
 Physics Department Colloquium
 Jazan University
 Jazan, Saudi Arabia
 February 19, 2012
- “State of the Department of Physics And Astronomy”
 Physics Department Colloquium
 University of Utah
 Salt Lake City, Utah
 August 25, 2011
- “Status of the Department : Fall 2010”
 Physics Department Colloquium
 University of Utah
 Salt Lake City, Utah
 August 24, 2010
- “ Development of a modern stellar intensity interferometry capability using
 Imaging Air Cherenkov Telescope arrays”
 Quantum of Quasars Workshop
 Grenoble, France
 December 6, 2009
- “Status of the Department of Physics”
 Physics Department Colloquium
 University of Utah
 Salt Lake City, Utah
 August 20, 2009
- “Science Potential of High Altitude Imaging Air Cherenkov Telescope arrays
 as Intensity Interferometry receivers”
 The 1st Workshop on Gamma Ray Astronomy at High Altitude
 Hebei, China
 April 28, 2009
- “Status of the Department of Physics”
 Physics Department Colloquium
 University of Utah
 Salt Lake City, Utah
 August 21, 2008

- “Recent Results from the VERITAS Observatory”
IAPS: The High Energy Frontier
Colorado School of Mines
Golden, CO
May 7, 2008
- “The Expanding VHE gamma-Ray Horizon”
Physics Department Colloquium
Technion University
Haifa, Israel
February 21, 2008
- “The Expanding VHE gamma-ray Horizon”
Physics Department Colloquium
Brookhaven National Laboratory
Upton, NY
July 30, 2007
- “Advances in VHE gamma-ray Astronomy”
Aspen Workshop on Cosmic Ray Physics
Aspen Center for Physics
Aspen, CO
April 17, 2007
- “VHE Gamma-Rays: The New New Astronomy”
Physics Department Colloquium
Brigham Young University
Provo, Utah
March 28, 2007
- “VHE Gamma-Rays: The New New Astronomy”
Physics Department Colloquium
University of Utah
Salt Lake City, Utah
March 9, 2007
- “Quantum Mechanics, Extrasolar Planets, and the Expanding Universe”
Undergraduate Seminar
University of Utah
Salt Lake City, Utah
February 15, 2007
- “VERITAS Gamma-Rays and First Light”
Graduate Seminar
University of Utah
Salt Lake City, Utah
February 13, 2007

- “VERITAS Status”
First GLAST Science Symposium
Stanford University
Palo Alto, CA
February 6, 2007
- “VERITAS Status”
VERITAS JOG Review
F.L. Whipple Observatory
Amado, AZ
February 1, 2007
- “TeV Gamma Ray Emission in the Cygnus Region”
OIR Division Seminar
Harvard-Smithsonian CfA
Cambridge, MA
January 8, 2007
- “Multiwavelength AGN Studies with meter-class Optical Telescope”
Southern Utah Observatory Meeting
University of Utah
Salt Lake City, Utah
June 26, 2006
- “Next Generation Particle Astrophysics with GeV/TeV gamma-rays”
International Workshop on US-China Collaboration
Chinese Academy of Science, IHEP
Beijing, China
June 15, 2006
- “What I did on My Summer Vacation”
Physics Department Colloquium
University of Utah
Salt Lake City , Utah
November 11, 2004
- “TeV Gamma Rays as Probes of Fundamental Physics”
Undergraduate Colloquium
University of Utah
Salt Lake City , Utah
November 11, 2004
- “TeV Gamma Rays as Probes of Fundamental Physics”
Physics Department Colloquium
Utah State University
Logan , Utah
March 16, 2004

- “c=1: Who needs it?”
HEP Astrophysics Seminar
University of Utah
Salt Lake City , Utah
February 24, 2004
- “Searching for Dark Matter and Quantum Gravity with VERITAS”
Undergraduate Seminar
University of Utah
Salt Lake City, UT
September 17, 2003
- “Searching for High Energy Cosmic Ray Origin with the
ANITA Balloon Experiment”
Physics Department Colloquium
Brigham Young University
Provo, Utah
December 3, 2002
- “EHE Cosmic Rays, EHE Neutrinos, and GeV-TeV Gamma Rays
ANITA Collaboration Meeting
University of California-Irvine
Irvine, CA
November 24, 2002
- “High Resolution Cosmic ray Studies using Next Generation
Observatories”
The Universe viewed in Gamma-rays
ICRR University of Tokyo
Kashiwa, Japan
September 28, 2002
- “Gamma Ray Signatures of Dark Matter and Quantum Gravity”
Undergraduate Seminar
University of Utah
Salt Lake City, UT
September 19, 2002
- “Particle Astrophysics with GeV/TeV Energy Gamma Rays”
Physics Department Colloquium
Ohio State University
Columbus, OH
March 12, 2002
- “High Energy Astrophysics in Utah”
Undergraduate Seminar
University of Utah
Salt Lake City, UT
February 28, 2002

- “The Role of Ultra-Heavy Nuclei in PeV Galactic Cosmic ray Origin”
 Institute Seminar
 Max Planck Institut fur Kernphysik
 Heidelberg, Germany
 February 20, 2002
- “High Resolution Cosmic Ray Charge Measurements Using the Direct Cerenkov Light Technique”
 Physics Department Seminar
 Konan University
 Kobe, Japan
 November 30, 2001
- “Lightning, Cerenkov Radiation, Neutrino Mixing and the Origin of Cosmic Rays”
 Physics Department Colloquium
 University of Utah
 Salt Lake City, Utah
 September 6, 2001
- “High Resolution Measurements of Cosmic Ray composition using the Direct Cerenkov Technique”
 Workshop on High Resolution Measurements of Cosmic Ray Composition
 Hamburg, Germany
 August 11, 2001
- “Origin of the Cosmic Ray Knee: The Ground-Based Perspective”
 Snowmass 2001
 the future of particle physics
 Snowmass, Colorado
 July 17, 2001
- “Experimental High Energy Astrophysics with the VERITAS Observatory”
 INSCC Colloquium
 University of Utah
 Salt Lake City, Utah
 February 14, 2001
- “Recent Results from the Whipple Gamma Ray Observatory”
 XXXVIth Rencontres de Moriond
 Very High Energy Phenomena in the Universe
 Les Arcs, France
 January 23, 2001

- “VERITAS: Very Energetic Radiation Imaging Telescope Array System”
XXXVIth Rencontres de Moriond
Very High Energy Phenomena in the Universe
Les Arcs, France
January 26, 2001
- “High Resolution Charge Measurements in Next Generation
Ground-based Cosmic Ray Observatories”
Physics Department Seminar
Ohio State University
Columbus, Ohio
November 29, 2000
- “High Resolution Charge Measurements in Next Generation
Ground-based Cosmic Ray Observatories”
Physics Department Colloquium
University of Utah
Salt Lake City, Utah
August 24, 2000
- “High Resolution Charge Measurements for Cosmic Ray Observation Near
The Knee of the All-Particle Spectrum”
Workshop on the High Energy Composition of Cosmic Rays
Adler Planetarium
Chicago, Illinois
June 17, 2000
- “High Energy Gamma Ray Astrophysics”
Undergraduate Seminar
University of Utah
Salt Lake City, Utah
March 25, 1999
- “Cosmic Ray Detectors in Utah”
American Physical Society
Four Corners Meeting
University of New Mexico
April 4, 1998
- “Observations of Extraterrestrial/Extragalactic Matter
in Utah’s West Desert”
Idaho State University
Physics Department Colloquium
February 2, 1998

- “Measurement of Primary Composition near the Knee of the All Particle Spectrum with the DICE Observatory”
University of Utah
Physics Department Colloquium
November 20, 1997
- “Measurement of Primary Composition near the Knee of the All Particle Spectrum with the DICE Observatory”
HESS Workshop
Ringberg, Germany
October 2, 1997
- “Searching for the Source of Extremely High Energy Cosmic Rays”
Undergraduate Seminar
University of Utah
Salt Lake City, Utah
October 3, 1996
- “Gamma Ray Bursts”
Undergraduate Seminar
University of Utah
Salt Lake City, Utah
April 18, 1996
- “Cherenkov Light Detection of ZeV Cosmic Rays”
Laboratory for Astrophysics and Space Research Seminar
University of Chicago
Chicago, Illinois
February 21, 1996
- “Searching for the Origins of Extremely High Energy Cosmic Rays”
Physics Department Colloquium
University of Arkansas, Little Rock
Little Rock, Arkansas
January 23, 1996
- “Searching for the Origins of Extremely High Energy Cosmic Rays”
Physics Department Seminar
Arkansas State University
Jonesboro, Arkansas
January 22, 1996
- “The HiRes Fly’s Eye and Auger Observatories”
Physics Department Seminar
Arkansas State University
Jonesboro, Arkansas
January 22, 1996

- “Nitrogen Fluorescence/Air Cherenkov Techniques for Use in
The Auger Project Observatory”
Auger Workshop
24th International Cosmic Ray Conference
Rome, Italy
September 1, 1995
- “A New Detection Technique for the Observation of
ZeV Cosmic Rays”
Physics Department Colloquium
Stanford Linear Accelerator Laboratory
Stanford, CA
April 3, 1995
- “A New Detection Technique for the Observation of
ZeV Cosmic Rays”
Giant Airshower Detectors Workshop
Fermilab National Accelerator Laboratory
Batavia, IL
January 31, 1995
- “A New Detection Technique for the Observation of
ZeV Energy Cosmic Rays”
Physics Department Colloquium
University of Utah Department of Physics
Salt Lake City, UT
November 10, 1994
- “The Search for Ultra High Energy Cosmic Rays,”
Friday Science Seminar
Southern Oregon State College
Ashland, Oregon
October 15, 1993
- “Search for the Sources of Extremely High Energy Cosmic Rays
with the High Resolution Fly’s Eye Detector”
University of California - Irvine
Physics Department Seminar
May 12, 1992
- “Search for the Sources of Extremely High Energy Cosmic Rays”
Rutgers University
Physics Department Colloquium
April 30, 1992
- “Search for the Sources of Extremely High Energy Cosmic Rays”
University of Maryland
Physics Department Colloquium
April 29, 1992

- “The UMC Detectors”
University of Arizona Physics Dept. Seminar
April 30, 1990
- “Origins of Ultra High Energy Cosmic Rays”
University of Utah Physics Dept. Seminar
April 24, 1990
- “Cosmic Ray Composition and Muon Decoherence at the Knee
of the All-Particle Cosmic Ray Spectrum”
University of Pennsylvania
February 16, 1989
- “Cosmic Ray Composition and Muon Decoherence Using the
Homestake Surface Array and Underground Detectors”
University of Utah Physics Dept. Seminar
June 27, 1988
- “First Results from the Homestake Surface-Underground Telescope”,
University of Pennsylvania Astronomy Department seminar
April 25, 1986
- “Physics Opportunities at the Homestake Gold Mine”, South Dakota
School of Mines and Technology Physics Department seminars
November 8 and 15, 1984

PUBLIC LECTURES

- “Uncovering the origin of highest-energy cosmic rays
with the VERITAS gamma-ray observatory,”
Calgary Public Library Lecture Series
Royal Astronomical Society of Canada
Calgary, Alberta
March 18, 2021
- “Working with Raymond Davis Jr. in the 1980’s ”
Raymond Davis Jr. Memorial Dedication
Sanford Underground Research Facility
Lead, South Dakota
August 26, 2015
- “Overview of Astrophysics Research at the University of Utah”
College of Science Lecture
Jazan University
Jazan, Saudi Arabia
February 21, 2012
- “US Science Policy and Dr. Strangelove”
Utah Museum of Natural History Film Series
Salt Lake Public Library
Salt Lake City, Utah
November 3, 2010 “Astronomy Research in Utah”
MESA Awards Banquet Dinner
Canyons School District
Sandy, Utah
April 29, 2010
- “Status of the University of Utah’s Astronomy Program”
Salt Astronomical Society
Salt Lake City, Utah
August 19, 2009
- “Astronomy in Utah”
Realms of Inquiry High School
Salt Lake City, Utah
January 21, 2009

- “The Reasons for the Seasons”
McGillis Elementary School
Salt Lake City, Utah
December 5, 2007
- “High Energy Gamma-Rays: The New Astronomy”
‘Science at Breakfast’
College of Science Invited Talk
University of Utah
Salt Lake City, Utah
February 28, 2007
- “Finding Extrasolar Planets”
McGillis Elementary School
Salt Lake City, Utah
December 13, 2006
- “A Short Story about the Big Bang”
McGillis Elementary School
Salt Lake City, Utah
December 17, 2004
- “Ground-based High Energy Gamma-Rays: The New Astronomy”
Salt Lake Astronomical Society
Salt Lake City , Utah
October 28, 2003
- “Ground-based High Energy Gamma-Rays: The New Astronomy”
ALCON 2002 Meeting
Salt Lake City , Utah
August 3, 2002
- “High Energy Astrophysics in Utah”
‘Science at Breakfast’
College of Science Invited Talk
University of Utah
Salt Lake City, Utah
September 19, 2001

- “Observations of Our Universe and Cosmic Rays”
 Project ASTRO
 Libby Edwards Elementary School
 Salt Lake City, Utah
 May 7, 1998
- “Observations of Extraterrestrial/Extragalactic Matter
 in Utah’s West Desert”
 University of Utah
 College of Science Day
 November 22, 1997
- “Millard County Water Tank Projects”
 Millard County School Board Meeting
 Delta, Utah
 September 11, 1997
- “ Observations of Extraterrestrial/Extragalactic Matter
 in Utah’s West Desert (2 lectures)”
 University of Utah
 College of Science Day
 November 16, 1996
- “ The Auger Cosmic Ray Observatory”
 Delta High School
 Delta, Utah
 October 15, 1996
- “ The Auger Cosmic Ray Observatory”
 Fillmore High School
 Fillmore, Utah
 October 15, 1996
- “The Intermountain West Atmosphere as a National Scientific
 Resource”
 Utility Restructuring, ZEVs and
 Rethinking the Environment of the West:
 A Summit on Energy, Economy, and the Environment
 Midway, UT
 July 12, 1995

“The Highest Energy Cosmic Rays,”
College of Science Day Lecture
University of Utah
Salt Lake City, UT
December 4, 1993

“The Cosmic Ray Observatory at the Dugway Proving Grounds,”
Physics SAC Lecture
University of Utah
Salt Lake City, UT
May 16, 1993

CONTRIBUTED LECTURES

“Performance of the upgraded VERITAS Stellar Intensity Interferometer“
SPIE Astronomical Telescopes + Instrumentation 2022
Montreal, Canada
July 18, 2022

“Measurements of Stellar Diameters using the VERITAS Stellar Intensity Interferometer“
The Sharpest Eyes on The Sky
High Angular Resolution Astronomy Workshop
Exeter, England
April 26, 2022

“The Trinity VHE Neutrino Observatory“
XXVIII Epiphany Conference
Crackow, Poland
January 11, 2022

“Very High-energy Gamma-ray Emission from LSI +61 303 Binary“
37th International Cosmic Ray Conference -DESY
Virtual Meeting
July 2021

”Status of the VERITAS Stellar Intensity Interferometry (VSII) System”
37th International Cosmic Ray Conference -DESY
Virtual Meeting
July 2021

- ”The VERITAS-Stellar Intensity Interferometry (VSII) survey of Stellar Diameters”
 37th International Cosmic Ray Conference -DESY
 Virtual Meeting
 July 2021
- ”Recent Science Results from the VERITAS Stellar Intensity Interferometer,”
 2021 April meeting of the American Physical Society
 Virtual meeting
 April 17, 2021
- “New Science Results from the VERITAS Stellar Intensity Interferometer,”
 237th American Astronomical Society Meeting
 Jan 15, 2021
- “Sub-milliarcsecond observations of nearby stars in the visible waveband
 using VERITAS-SII”
 235th American Astronomical Society Meeting
 Honolulu, HI
 Jan 5, 2020
- “Characterizing the VHE Emission of LS I +61 303 using VERITAS Observations ”
 36th International Cosmic Ray Conference
 University of Wisconsin-Madison, WI
 July 29, 2019
- ”Searching for Optical Flashes from Extraterrestrial Civilizations with
 Atmospheric Cherenkov Telescopes”
 2019 Astrobiology Science Conference
 American Geophysical Union Meeting
 Belluvue, WA
 June 26, 2019
- ”Augmentation of VERITAS Telescopes for Stellar Intensity Interferometry “
 April Meeting of the APS
 Denver, CO
 April 14, 2019
- “Development of a prototype Schwarzschild-Couder telescope
 for the Cherenkov Telescope Array: status and performance“
 4 Corners Meeting of the APS
 University of Utah
 Salt Lake City, UT
 October 13, 2018

- “Stellar Intensity Interferometric Capabilities of IACT Arrays”
 35th International Cosmic Ray Conference
 Busan, Korea
 August 19, 2017
- “Decadal VERITAS Observations of LS I +61 303 :
 Detection of constant TeV emission around entire orbit”
 35th International Cosmic Ray Conference
 Busan, Korea
 August 13, 2017
- “Stellar Intensity Interferometric Capabilities of IACT Arrays”
 230th meeting of the American Astronomical Society
 Austin, TX
 June 5, 2017
- “HBT SII Studies at the University of Utah”
 SPIE Astronomical Telescopes and Instrumentation
 Edinburgh, Scotland, UK
 June 28, 2016
- “Experimental steps towards a digital revival of Stellar Intensity Interferometry”
 April meeting of the American Physical Society
 Salt Lake City, UT
 April 17, 2016
- “Direct Cherenkov and Trans-Iron Nuclei”
 4 Corners meeting of the American Physical Society
 Orem, UT
 October 18, 2014
- “VERITAS post-upgrade γ -ray Sensitivity”
 33rd ICRC
 Rio de Janeiro, Brazil
 July 3, 2013
- “SCT Commercial Positioners
 UCLA SCT Design Workshop
 University of California-Los Angeles
 Los Angeles, CA
 January 14, 2013
- “Northern Sites for CTA Observatory”
 CTA Meeting
 Rome, Italy
 October 23, 2012
- “CTA/Stellar Intensity Interferometry Update”
 CTA Meeting
 Amsterdam, Netherlands
 May 16, 2012

- “Status of the VERITAS Upgrade”
 32nd International Cosmic Ray Conference
 Beijing, China
 August 16, 2011
- “Status of the VERITAS Upgrade”
 April meeting of the American Physical Society
 Irvine, CA
 April 30, 2011
- “VERITAS Upgrade: Description and Status”
 4 Corners meeting of the American Physical Society
 Odgen, UT
 October 24, 2010
- “Development of a Stellar Intensity Interferometric System at StarBase Utah”
 4 Corners meeting of the American Physical Society
 Golden, CO
 October 24, 2009
- “Intensity Interferometry with Cerenkov Telescopes (An Introduction)”
 IHOT09: The Interferometric View on Hot Stars
 ESO conference
 Vina Del mar, Chile
 March 2, 2009
- “VERITAS Measurements of TeV Gamma-ray emission from the
 Supernova Remnant IC443”
 January 2008 AAS meeting
 Austin, TX
 January 10, 2008
- “ Status of the Southern Utah Observatory (SUO) 32 inch Telescope”
 Four Corners Meeting American Physical Society
 Northern Arizona University
 Flagstaff, AZ
 October 19, 2007
- “ A Southern Utah Optical Observatory”
 Los Alamos Future TeV Workshop
 Los Alamos National Laboratory
 Santa Fe, New Mexico
 May 12, 2006

- “Wide Field of View Surveying in Next-Generation GeV/TeV Observatories”
UCLA Future TeV Workshop
Malibu, California
October 21, 2005
- “Wide Field of View Surveying in Next-Generation GeV/TeV Observatories”
Cherenkov 2005 Meeting
Palaiseau, France
April 29, 2005
- “Evidence for New Unidentified GeV/TeV γ -ray Sources
from Recent Northern Sky Surveys”
The Universe in Gamma Rays: Heidelberg γ -ray 2004
Heidelberg , Germany
July 25, 2004
- “Search for Tibet Array Unidentified Sources Using the Whipple
10 m Gamma-Ray Observatory”
Four Corners APS meeting
Arizona State University
Tempe, AZ
Oct 25, 2003
- “Science Capabilities of the VERITAS Array of 10m Imaging Atmospheric
Cherenkov Gamma-Ray Detectors”
Astronomical Telescopes and Instruments SPIE Meeting
Waikoloa, HI
Aug 25, 2002
- “High Resolution Charge Measurements of UH Cosmic Ray Nuclei
Using a Direct Imaging Cherenkov Ground-Based Observatory”
Astronomical Telescopes and Instruments SPIE Meeting
Waikoloa, HI
Aug 25, 2002
- “Science and Strawman Design of the OCHRE Detector”
OMNIS-OCHRE Meeting
Argonne National Laboratory
Argonne, IL
May 25, 2002

- “High Energy Astrophysics with a Direct Cerenkov Light Observatory”
 Astrophysics Seminar
 Ohio State University
 Columbus, OH
 March 11, 2002
- “High Resolution Cosmic Ray Charge Measurements Using
 the Direct Cerenkov Light Technique”
 4 Corners APS Meeting
 New Mexico State University
 Las Cruces, New Mexico
 November 3, 2001
- “PeV and EeV Cosmic Rays”
 FORTE Observatory meeting
 Los Alamos National Lab
 Los Alamos, New Mexico
 March 8, 2001
- “The Energy Spectrum in the Knee Region from DICE”
 26th International Cosmic Ray Conference
 Salt Lake City, Utah
 August 21, 1999
- “Measurements of Cosmic ray Composition near the Knee of the
 All-Particle Spectrum with the DICE experiment”
 19th Texas Symposium on Relativistic Astrophysics
 Paris, France
 December 17, 1998
- “Introduction to the Utah 26th International Cosmic Ray Conference”
 25th International Cosmic ray Conference
 Durban, South Africa
 August 5, 1997
- “Measurement of Elemental Composition in the Knee region from
 the DICE detector”
 25th International Cosmic ray Conference
 Durban, South Africa
 August 1, 1997
- “Measurement of the Angular Distribution of Cerenkov Photons
 Using the DICE Detector”
 25th International Cosmic Ray Conference
 Durban, South Africa
 August 1, 1997

“Measurement of the Energy Dependence of the Depth of Shower Maximum in the Knee Region from the DICE Detector”

25th International Cosmic Ray Conference

Durban, South Africa

August 1,1997

“Detection Capabilities of a Very Large Array of Atmospheric Cerenkov Detectors”

25th International Cosmic Ray Conference

Durban, South Africa

August 1,1997

“Measurements of EAS Longitudinal Development with the DICE detector”

25th International Cosmic Ray Conference

Durban, South Africa

July 29,1997

“Electronics Design Requirements for the Auger Nitrogen Fluorescence Detector

Auger 1997 Spring Meeting

Park City, Utah

May 8,1997

“ Recent results from the DICE Detector

Los Alamos National Lab

Workshop of Air Cherenkov Detectors for Fenton Hill

March 13, 1997

“Recent Results from the Dual Imaging Cherenkov Experiment”

VERITAS Workshop

Tucson, Arizona

January 11,1997

“Nitrogen Fluorescence detector Design Requirements for the Auger Project”

Auger Project Meeting

San Rafael, Argentina

September 11, 1996

“Air Čerenkov Detectors for the Auger Detector”

Nitrogen Fluorescence Development Workshop

University of Utah

Salt Lake City, Utah

March 5, 1996

“Reliability Issues for the Auger Detector”

Electronics Development Workshop

Fermilab National Accelerator

Batavia, Illinois

February 24, 1996

- “A Direct Measurement of the Angular Distribution of ČerenkovPhotons
in Extensive Air Showers Using the DICE detector”
24th International Cosmic Ray Conference
Rome, Italy
September 5, 1995
- “A New Detection Technique for Observation of ZeV Energy
Cosmic Rays”
24th International Cosmic Ray Conference
Rome, Italy
September 4, 1995
- “High Resolution Fly’s Eye Project”
24th International Cosmic Ray Conference
Rome, Italy
September 1, 1995
- “Optimized Resolution of a Solar Panel Add-on Detector for the Auger Project”
Tuesday Afternoon Seminar
Giant Airshower Detectors Workshop
Fermilab National Accelerator Laboratory
Batavia, IL
July 18, 1995
- “Solar Panel Detection Technique for Observation of
ZeV Cosmic Rays”
Giant Airshower Detectors Workshop
Fermilab National Accelerator Laboratory
Batavia, IL
May 2, 1995
- “A Large Atmospheric Imaging Detector for Gamma Ray Astronomy
in the 10 - 500 GeV Energy Range ”
International Symposium on Cosmic Ray Physics
Lhasa, Tibet
August 14, 1994
- “A New Optical Technique for Daylight Measurements of
Cosmic Ray Properties above 10^{19} eV ”
International Symposium on Cosmic Ray Physics
Lhasa, Tibet
August 13, 1994

“A New Optical Technique for Daylight Measurements of Cosmic Ray Properties above 10^{19} eV ”

Snowmass 94, Particle and Nuclear Astrophysics
and Cosmology in the Next Millennium

Snowmass, Colorado

July 11, 1994

“A Dual Imaging Cerenkov Experiment (DICE) for measurement of Primary Composition Near the Knee of the All-Particle Spectrum”

Snowmass 94, Particle and Nuclear Astrophysics
and Cosmology in the Next Millennium

Snowmass, Colorado

July 9, 1994

“The High Resolution Fly’s Eye Experiment,”
23rd International Cosmic Ray Conference

Calgary, Alberta Canada

July 29, 1993

“Search for UHE Emission from Gamma Ray Bursters,”
23rd International Cosmic Ray Conference

Calgary, Alberta Canada

July 20, 1993

“Status of the High Resolution Fly’s Eye Prototype Detector,”
American Physical Society Meeting

Washington, DC

April 14, 1993

“The High Resolution Fly’s Eye Detector”

Vulcano Workshop 1992

Vulcano, Italy

May 22, 1992

“Description and Status of the High Resolution (HiRes) Fly’s Eye Detector”

22st International Cosmic Ray Conference

Dublin, Ireland

August 14, 1991

- “Constraints on High Energy Inelasticity from the Measurement of Extensive Air Shower Development by the Fly’s Eye Detector”
 22st International Cosmic Ray Conference
 Dublin, Ireland
 August 14, 1991
- “Ultra-High Energy Gamma Ray Astronomy with the High Resolution Fly’s Eye Detector”
 International Conference on High Energy Gamma Ray Astronomy
 Ann Arbor, Michigan
 October 5, 1990
- “The High Resolution Fly’s Eye”
 1990 Summer Study on High Energy Physics
 Snowmass, Colorado
 June 28, 1990
- “New Flux Limits for Deeply Penetrating Particles Observed by the Fly’s Eye Detector”
 21st International Cosmic Ray Conference
 Adelaide, Australia
 January 16, 1990
- “The Cosmic Ray Primary Composition for $3 \times 10^{13} - 3 \times 10^{15}$ eV using Multiple Muons Observed with the Homestake Liquid Scintillation Detector”
 21st International Cosmic Ray Conference
 Adelaide, Australia
 January 16, 1990
- “The Muon Content of Extensive Air Showers with $E \geq 2 \times 10^{17}$ eV”
 21st International Cosmic Ray Conference
 Adelaide, Australia
 January 10, 1990
- “Current Prospects for Measurements of Cosmic Rays with Energies Above 10^{19} eV”
 Workshop on the NASA Cosmic Ray Program for the 1990’s and Beyond
 NASA-Goddard Space Flight Center
 Greenbelt, MD
 November 7, 1989

“Characteristics and Analysis of Data from the Homestake Surface-Underground Telescope”

6th Course of the
International School of Cosmic-Ray Astrophysics
Ettore Majorana Centre
Erice, Italy
April 28, 1988

“Cosmic Ray Composition Measurement with the Homestake Surface-Underground Telescope”

Delaware Valley Regional Astronomy Meeting
University of Delaware
Newark, Del.
October 24, 1987

“Cosmic Ray Composition Near 10^{15} eV: Results from the Homestake Surface-Underground Telescope”

XXth International Cosmic Ray Conference
Moscow, USSR
August 6, 1987

“First Results from the Homestake Surface-Underground Telescope”

American Physical Society Meeting
Washington, D.C.
May 1, 1986