

## Publications List for Wystan Benbow

### VERITAS (Refereed Publications):

- (1) V. Acciari et al., "VERITAS Discovery of  $>200$  GeV Gamma-ray Emission from the Intermediate-frequency-peaked BL Lac Object W Comae", *Astrophysical Journal Letters*, **684**, L73, 2008
- (2) V. Acciari et al., "Discovery of Very High-Energy Gamma-Ray Radiation from the BL Lac 1ES 0806+524", *Astrophysical Journal Letters*, **690**, L126, 2009
- (3) I. Donnarumma et al., "The June 2008 Flare of Markarian 421 from Optical to TeV Energies", *Astrophysical Journal Letters*, **691**, L13, 2009
- (4) V. Acciari et al., "VERITAS Observations of a Very High Energy Gamma-ray Flare from the Blazar 3C 66A", *Astrophysical Journal Letters*, **693**, L104, 2009
- (5) V. Acciari et al., "VERITAS Observations of the BL Lac Object 1ES 1218+304", *Astrophysical Journal*, **695**, 1370, 2009
- (6) V. Acciari et al., "Evidence for long-term Gamma-ray and X-ray variability from the unidentified TeV source HESS J0632+057", *Astrophysical Journal Letters*, **698**, L94, 2009
- (7) V. Acciari et al., "Observation of Extended VHE Emission from the Supernova Remnant IC 443 with VERITAS", *Astrophysical Journal Letters*, **698**, L133, 2009
- (8) V. Acciari et al., "Multiwavelength Observations of LS I +61° 303 with VERITAS, Swift and RXTE", *Astrophysical Journal*, **700**, 1034, 2009
- (9) V. Acciari et al., "Radio imaging of the very-high-energy gamma-ray emission region in the central engine of a radio galaxy", *Science*, **325**, 444, 2009
- (10) V. Acciari et al., "Simultaneous Multiwavelength Observations of Markarian 421 During Outburst", *Astrophysical Journal*, **703**, 169, 2009
- (11) V. Acciari et al., "Detection of Extended VHE Gamma Ray Emission from G106.3+2.7 with VERITAS", *Astrophysical Journal Letters*, **703**, L6, 2009
- (12) V. Acciari et al., "A connection between star formation activity and cosmic rays in the starburst galaxy M 82", *Nature*, **462**, 770, 2009 (Primary Author)
- (13) V. Acciari et al., "VERITAS Upper Limit on the VHE Emission from the Radio Galaxy NGC 1275", *Astrophysical Journal Letters*, **706**, L275, 2009
- (14) V. Acciari et al., "Multiwavelength observations of a TeV-Flare from W Com", *Astrophysical Journal*, **707**, 612, 2009
- (15) V. Acciari et al., "Discovery of very high energy gamma rays from PKS 1424+240 and multiwavelength constraints on its redshift", *Astrophysical Journal Letters*, **708**, L100, 2010
- (16) V. Acciari et al., "Discovery of Variability in the Very High Energy Gamma-Ray Emission of 1ES 1218+304 with VERITAS", *Astrophysical Journal Letters*, **709**, L163, 2010
- (17) V. Acciari et al., "Observations of the shell-type SNR Cassiopeia A at TeV energies with VERITAS", *Astrophysical Journal*, **714**, 163, 2010
- (18) V. Acciari et al., "The Discovery of  $\gamma$ -ray emission from the Blazar RGB J0710+591", *Astrophysical Journal Letters*, **715**, L49, 2010
- (19) V. Acciari et al., "VERITAS 2008 - 2009 monitoring of the variable gamma-ray source M87", *Astrophysical Journal*, **716**, 819, 2010
- (20) V. Acciari et al., "Discovery of VHE Gamma-ray Emission from the SNR G54.1+0.3", *Astrophysical Journal Letters*, **719**, L69, 2010

- (21) V. Acciari et al., "VERITAS Search for VHE Gamma-ray Emission from Dwarf Spheroidal Galaxies", *Astrophysical Journal*, **720**, 1174, 2010
- (22) A. Abdo et al., "Multi-wavelength Observations of Flaring Gamma-ray Blazar 3C 66A in October 2008", *Astrophysical Journal*, **726**, 43, 2011
- (23) A. Abdo et al., "Insights Into the High-energy  $\gamma$ -ray Emission of Markarian 501 from Extensive Multifrequency Observations in the Fermi Era", *Astrophysical Journal*, **727**, 129, 2011
- (24) V. Acciari et al., "Spectral Energy Distribution of Markarian 501: Quiescent State vs. Extreme Outburst", *Astrophysical Journal*, **729**, 2, 2011
- (25) V. Acciari et al., "Discovery of TeV Gamma-ray Emission From Tycho's Supernova Remnant", *Astrophysical Journal Letters*, **730**, L20, 2011
- (26) V. Acciari et al., "Gamma-ray observations of the Be/pulsar binary 1A0535+262 during a giant X-ray outburst", *Astrophysical Journal*, **733**, 96, 2011
- (27) E. Aliu et al., "VERITAS Observations of the Unusual Extragalactic Transient Swift J164449.3+573451", *Astrophysical Journal Letters*, **738**, L30, 2011
- (28) V. Acciari et al., "VERITAS Observations of the TeV Binary LSI +61 303 during 2008-2010", *Astrophysical Journal*, **738**, 3, 2011
- (29) V. Acciari et al., "TeV and Multi-wavelength Observations of Mrk 421 in 2006-2008", *Astrophysical Journal*, **738**, 25, 2011
- (30) V. Acciari et al., "Multiwavelength Observations of the VHE Blazar 1ES 2344+514", *Astrophysical Journal*, **738**, 169, 2011
- (31) E. Aliu et al., "Detection of Pulsed Gamma Rays Above 100 GeV from the Crab Pulsar", *Science*, **334**, 69, 2011
- (32) E. Aliu et al., "Multiwavelength Observations of the Previously Unidentified Blazar RXJ0648.7+1516", *Astrophysical Journal*, **742**, 127, 2011
- (33) V. Acciari et al., "VERITAS Observations of Gamma-ray Bursts Detected by Swift", *Astrophysical Journal*, **743**, 62, 2011
- (34) A. Abramowski et al., "The 2010 VHE Flare & 10 Years of Multi-Wavelength Observations of M87" *Astrophysical Journal*, **746**, 151, 2012
- (35) E. Aliu et al., "VERITAS observations of day-scale flaring of M87 in April 2010", *Astrophysical Journal*, **746**, 141, 2012
- (36) E. Aliu et al., "VERITAS deep observations of the dwarf spheroidal galaxy Segue 1", *Physical Review D*, **85**, 062001, 2012
- (37) E. Aliu et al., "Discovery of High-energy and Very High Energy  $\gamma$ -Ray Emission from the Blazar RBS 0413" *Astrophysical Journal*, **750**, 94, 2012
- (38) E. Aliu et al., "VERITAS Observations of the Nova in V407 Cygni", *Astrophysical Journal*, **754**, 77, 2012
- (39) E. Aliu et al., "Multiwavelength Observations of the AGN 1ES 0414+009 with VERITAS, Fermi-LAT, Swift-XRT, and MDM", *Astrophysical Journal*, **755**, 118, 2012
- (40) T. Arlen et al., "Constraints on Cosmic Rays Magnetic Fields and Dark Matter from Gamma-ray Observations of the Coma Cluster of Galaxies with VERITAS and *Fermi*", *Astrophysical Journal*, **757**, 123, 2012
- (41) E. Aliu et al., "VERITAS Observations of Six Bright Hard-Spectrum Fermi-LAT Blazars", *Astrophysical Journal*, **759**, 102, 2012

- (42) E. Aliu et al., "Search for a correlation between very-high-energy gamma rays and giant radio pulses in the Crab pulsar", *Astrophysical Journal*, **760**, 136, 2012
- (43) T. Arlen et al., "Rapid TeV Gamma-ray Flaring of BL Lacertae", *Astrophysical Journal*, **762**, 92, 2013
- (44) E. Aliu et al., "Discovery of TeV Gamma-ray Emission from CTA 1 by VERITAS", *Astrophysical Journal*, **764**, 38, 2013
- (45) E. Aliu et al., "Discovery of TeV Gamma-ray Emission Toward Supernova Remnant SNR G78.2+2.1", *Astrophysical Journal*, **770**, 93, 2013
- (46) E. Aliu et al., "Multiwavelength Observations and Modelling of 1ES 1959+650 in a Low Flux State", *Astrophysical Journal*, **775**, 3, 2013
- (47) S. Archambault et al., "Discovery of a New TeV Gamma-ray Source: VER J0521+211", *Astrophysical Journal*, **776**, 69, 2013
- (48) E. Aliu et al., "Multiwavelength Observations of The TeV Binary LS I +61 303 with VERITAS, Fermi-LAT and Swift-XRT During a TeV Outburst", *Astrophysical Journal*, **779**, 88, 2013
- (49) E. Aliu et al., "Long term observations of B2 1215+30 with VERITAS", *Astrophysical Journal*, **779**, 92, 2013
- (50) S. Archambault et al., "VERITAS Observations of the Microquasar Cygnus X-3", *Astrophysical Journal*, **779**, 150, 2013
- (51) E. Aliu et al., "Long-term TeV and X-ray observations of the Gamma-ray Binary HESS J0632+057", *Astrophysical Journal*, **780**, 168, 2014
- (52) E. Aliu et al., "A search for enhanced very-high-energy gamma-ray emission from the March 2013 Crab Nebula flare", *Astrophysical Journal Letters*, **781**, L11, 2014
- (53) V. Acciari et al., "Observation of Markarian 421 in TeV gamma rays over a 14-year time span", *Astroparticle Physics*, **54**, 1, 2014
- (54) E. Aliu et al., "A Three-Year Multi-Wavelength Study of the Very High Energy gamma-ray Blazar 1ES 0229+200", *Astrophysical Journal*, **782**, 13, 2014
- (55) E. Aliu et al., "Observations of the unidentified gamma-ray source TeV J2032+4130 by VERITAS", *Astrophysical Journal*, **783**, 16, 2014
- (56) S. Archambault et al., "Deep Broadband Observations of the Distant Gamma-ray Blazar PKS 1424+240", *Astrophysical Journal Letters*, **785**, L16, 2014
- (57) E. Aliu et al., "Investigating the TeV Morphology of MGRO J1908+06 with VERITAS", *Astrophysical Journal*, **787**, 166, 2014
- (58) E. Aliu et al., "Spatially Resolving the Very High Energy Emission From MGRO J2019+37 with VERITAS", *Astrophysical Journal*, **788**, 78, 2014
- (59) S. Archambault et al., "Test of Models of the Cosmic Infrared Background with Multi-wavelength Observations of the Blazar 1ES 1218+30.4 in 2009", *Astrophysical Journal*, **788**, 158, 2014
- (60) A. Archer et al., "Very-high Energy Observations of the Galactic Center Region by VERITAS in 2010–2012", *Astrophysical Journal*, **790**, 149, 2014
- (61) E. Aliu et al., "Constraints on Very High Energy Emission from GRB130427A", *Astrophysical Journal Letters*, **795**, L3, 2014
- (62) E. Aliu et al., "Investigating Broadband Variability of the TeV Blazar 1ES1959+650", *Astrophysical Journal*, **797**, 89, 2014

- (63) E. Aliu et al., "VERITAS Observations of the BL Lac Object PG 1553+113", *Astrophysical Journal*, **799**, 7, 2015
- (64) F.D. Ammando et al., "The most powerful flaring activity from the NLSy1 PMNJ0948+0022", *Monthly Notices of the Royal Astronomical Society*, **446**, 2456, 2015
- (65) J. Aleksic et al., "Multiwavelength Observations of Mrk 501 in 2008", *Astronomy & Astrophysics*, **573**, 50, 2015
- (66) E. Aliu et al., "A Search for Pulsations from Geminga Above 100 GeV with VERITAS", *Astrophysical Journal*, **800**, 61, 2015
- (67) J. Aleksic et al., "The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies", *Astronomy & Astrophysics*, **576**, 123, 2015
- (68) J. Aleksic et al., "Unprecedented Study of the Broadband Emission of Mrk 421 during Flaring Activity in March 2010", *Astronomy & Astrophysics*, **578**, 22, 2015
- (69) S. Archambault et al., "VERITAS Detection of  $\gamma$ -ray Flaring Activity from the BL Lac Object 1ES 1727+502 During Bright Moonlight Observations", *Astrophysical Journal*, **808**, 110, 2015
- (70) A. Furniss et al., "First NuSTAR Observations of Mrk 501 within a Radio to TeV Multi-Instrument Campaign", *Astrophysical Journal*, **812**, 65, 2015
- (71) A. Abeysekara et al., "Gamma Rays from the Quasar PKS 1441+25: Story of an Escape", *Astrophysical Journal Letters*, **815**, L22, 2015
- (72) S. Archambault et al., "Exceptionally bright TeV Flares from the binary LS I +61° 303", *Astrophysical Journal Letters*, **817**, L7, 2016
- (73) A. U. Abeysekara et al., "A Search for Brief Optical Flashes Associated with the SETI Target KIC 8462852", *Astrophysical Journal Letters*, **818**, L33, 2016
- (74) M. Balaokovic et al., "Multiwavelength study of quiescent states of Mrk 421 with unprecedented hard X-ray coverage provided by NuSTAR in 2013", *Astrophysical Journal*, **819**, 156, 2016
- (75) A. Archer et al., "TeV Gamma-Ray Observations of the Galactic Center Ridge by VERITAS," *Astrophysical Journal*, **821**, 129, 2016
- (76) A. U. Abeysekara et al., "Multiwavelength Observations of the BL Lac 1ES 1741+196", *Monthly Notices of the Royal Astronomical Society*, **459**, 2550, 2016
- (77) S. Archambault et al., "Upper Limits from Five Years of Blazar Observations with the VERITAS Cherenkov Telescopes", *Astronomical Journal*, **151**, 142, 2016 (Corresp. Author)
- (78) S. Archambault et al., "Discovery of Very High Energy Gamma Rays from 1ES 1440+122", *Monthly Notices of the Royal Astronomical Society*, **461**, 202, 2016
- (79) E. Aliu et al., "Very-High-Energy Outburst of Markarian 501 in May 2009", *Astronomy & Astrophysics*, **594**, 76, 2016
- (80) A. Archer et al., "Very-High-Energy Observations of the Binaries V 404 Cyg and 4U 0115+634 During Giant X-Ray Outbursts", *Astrophysical Journal*, **831**, 113, 2016
- (81) E. Aliu et al., "A Search for Very High Energy Gamma Rays from the Missing Link Binary Pulsar PSR J1023+0038 with VERITAS", *Astrophysical Journal*, **831**, 193, 2016
- (82) M.G. Aartsen et al., "Very-High-Energy Gamma-ray Follow-up Program Using Neutrino Triggers from IceCube", *Journal of Instrumentation*, **11**, 11009, 2016
- (83) A. U. Abeysekara et al., "A search for spectral hysteresis and energy-dependent time lags from X-ray and TeV gamma-ray observations of Mrk 421", *Astrophysical Journal*, **834**, 2, 2017

- (84) S. Archambault et al., "Search for Magnetically Broadened Cascade Emission From Blazars with VERITAS", *Astrophysical Journal*, **835**, 288, 2017
- (85) S. Archambault et al., "Gamma-ray Observations of Tycho's Supernova Remnant with VERITAS and Fermi", *Astrophysical Journal*, **836**, 23, 2017
- (86) A. U. Abeysekara et al., "A Luminous and Isolated Gamma-ray Flare from the Blazar B2 1215+30", *Astrophysical Journal*, **836**, 205, 2017
- (87) S. Archambault et al., "Gamma-ray Observations Under Bright Moonlight with VERITAS", *Astroparticle Physics*, **91**, 34, 2017
- (88) S. Archambault et al., "Dark matter constraints from a joint analysis of dwarf galaxy observations with VERITAS", *Physical Review D*, **95**, 082001, 2017
- (89) M.L. Ahnen et al., "Multi-band variability studies and novel broadband SED modeling of Mrk 501 in 2009", *Astronomy & Astrophysics*, **603**, 31, 2017
- (90) C. Allen et al., "Very-High-Energy Gamma-Ray Observations of the Blazar 1ES 2344+514 with VERITAS", *Monthly Notices of the Royal Astronomical Society*, **471**, 2117, 2017
- (91) M.G. Aarsten et al., "Multiwavelength follow-up of a rare IceCube neutrino multiplet", *Astronomy & Astrophysics*, **607**, 115, 2017
- (92) A. U. Abeysekara et al., "Discovery of Very High Energy Emission from RGB J2243+203 and Derivation of its Redshift Upper Limit", *Astrophysical Journal Supplement Series*, **233**, 7, 2017
- (93) A. U. Abeysekara et al., "Multiwavelength Observations of the Blazar BL Lacertae: A New Fast TeV Gamma-Ray Flare", *Astrophysical Journal*, **856**, 85, 2018
- (94) A. U. Abeysekara et al., "A Strong Limit on the Very High-Energy Emission of GRB 150323A", *Astrophysical Journal*, **857**, 33, 2018
- (95) M. G. Aarsten et al., "Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A", *Science*, **361**, 147, 2018
- (96) A. U. Abeysekara et al., "VERITAS Observations of the BL Lac Object TXS 0506+056", *Astrophysical Journal Letters*, **861**, L20, 2018
- (97) A. U. Abeysekara et al., "A Very-High-Energy Gamma-Ray Survey Towards the Cygnus Region of the Galaxy", *Astrophysical Journal*, **861**, 134, 2018
- (98) A. Archer et al., "HESS 1943+213: An Extreme Blazar Shining Through the Galactic Plane", *Astrophysical Journal*, **862**, 41, 2018
- (99) A. Archer et al., "Measurement of the Iron Spectrum in Cosmic Rays by VERITAS", *Physical Review D*, **98**, 022009, 2018
- (100) A. Archer et al., "Measurement of Cosmic Ray Electrons at TeV Energies by VERITAS", *Physical Review D*, **98**, 062004, 2018
- (101) A. U. Abeysekara et al., "VERITAS and Fermi-LAT observations of TeV gamma-ray sources discovered by HAWC in the 2HWC catalog", *Astrophysical Journal*, **866**, 24, 2018
- (102) A. U. Abeysekara et al., "Periastron Observations of TeV Gamma-ray Emission from a Binary System with a 50-Year Period", *Astrophysical Journal*, **867**, L19, 2018
- (103) M. L. Ahnen et al., "The extreme HBL behavior of Markarian 501 during 2012", *Astronomy & Astrophysics*, **620**, 181, 2018
- (104) A. Archer et al., "A Search for Pulsed Very High-Energy Gamma Rays from Thirteen Young Pulsars in Archival VERITAS Data", *Astrophysical Journal*, **876**, 95, 2019
- (105) W. Benbow et al., "Direct measurement of stellar angular diameters by the VERITAS Cherenkov Telescopes", *Nature Astronomy*, **3**, 511, 2019

- (106) A. U. Abeysekara et al., “Measurement of the extragalactic background light spectral energy distribution with VERITAS”, *Astrophysical Journal*, **885**, 150, 2019
- (107) A. Archer et al., “Probing the Properties of the Pulsar Wind in the Gamma-Ray Binary HESS J0632+057 with NuSTAR and VERITAS Observations”, *Astrophysical Journal*, **888**, 115, 2020
- (108) A. U. Abeysekara et al., “VERITAS Detection of LS 5039 and HESS J1825-137”, *Astroparticle Physics*, **117**, 102403, 2020
- (109) A. U. Abeysekara et al., “The Great Markarian 421 Flare of February 2010: Multiwavelength Variability and Correlation Studies”, *Astrophysical Journal*, **890**, 97, 2020
- (110) J. Valverde et al., “A decade of multi-wavelength observations of the TeV blazar 1ES 1215+303: Extreme shift of the synchrotron peak frequency and long-term optical-gamma-ray flux increase”, *Astrophysical Journal*, **891**, 170, 2020
- (111) A. U. Abeysekara et al., “Evidence for proton acceleration up to TeV energies based on VERITAS and Fermi-LAT observations of the Cassiopeia A SNR”, *Astrophysical Journal*, **in press**, 2020
- (112) A. Archer et al., “VERITAS Discovery of VHE Emission from the Radio Galaxy 3C 264: A Multi-Wavelength Study”, *Astrophysical Journal*, **submitted**, 2020 (Primary Author)

### CTA (Refereed Publications):

- (1) M. Actis et al., “Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy”, *Experimental Astronomy*, **32**, 193, 2011
- (2) H. Sol et al., “Active Galactic Nuclei under the scrutiny of CTA”, *Astroparticle Physics*, **43**, 215, 2013
- (3) B.S. Acharya et al., “Introducing the CTA Concept”, *Astroparticle Physics*, **43**, 3, 2013
- (4) F. Acero et al., “Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7–3946”, *Astrophysical Journal*, **840**, 74, 2017
- (5) A. Acharyya et al., “Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout”, *Astroparticle Physics*, **111**, 35, 2019
- (6) B.S. Acharya et al., *Science with the Cherenkov Telescope Array*. Edited by CTA Consortium. Published by World Scientific Publishing Co., ISBN #9789813270091, 2019

### Other (Refereed Publications):

- (1) A. Barnacka, M. J. Geller, I.P. Dell’antonio, W. Benbow, “Strong Gravitational Lensing as a Tool to Investigate the Structure of Jets at High Energies”, *Astrophysical Journal*, **788**, 139, 2014
- (2) A. Barnacka, M. J. Geller, I.P. Dell’antonio, W. Benbow, “Strongly Lensed Jets, Time Delays, and the Value of  $H_0$ ”, *Astrophysical Journal*, **799**, 48, 2015
- (3) A. Barnacka, M. J. Geller, I.P. Dell’antonio, W. Benbow, “Resolving the High Energy Universe with Strong Gravitational Lensing: The Case of PKS 1830-211”, *Astrophysical Journal*, **809**, 100, 2015
- (4) M. Cerruti, W. Benbow, X. Chen, J. P. Dumm, L. F. Fortson, K. Shahinyan, “Luminous and high-frequency-peaked blazars: on the origin of the gamma-ray emission from PKS 1424+240”, *Astronomy & Astrophysics*, **606**, 68, 2017

## H.E.S.S. (70 Refereed Publications):

- (1) F. Aharonian et al., "Very high energy gamma rays from the direction of Sagittarius A\*\*", *Astronomy & Astrophysics*, **425**, L13, 2004
- (2) F. Aharonian et al., "Calibration of cameras of the H.E.S.S. detector", *Astroparticle Physics*, **22**, 109, 2004
- (3) F. Aharonian et al., "High-energy particle acceleration in the shell of a supernova remnant", *Nature*, **432**, 75, 2004
- (4) F. Aharonian et al., "H.E.S.S. Observations of PKS 2155-304", *Astronomy & Astrophysics*, **430**, 865, 2005 (Primary Author)
- (5) F. Aharonian et al., "Search for TeV emission from the region around PSR B1706-44 with the HESS experiment", *Astronomy & Astrophysics*, **432**, L9, 2005
- (6) F. Aharonian et al., "Very high energy gamma rays from the composite SNR G 0.9+0.1", *Astronomy & Astrophysics*, **432**, L25, 2005
- (7) F. Aharonian et al., "Discovery of extended VHE gamma-ray emission from the asymmetric pulsar wind nebula MSH 15-52 with HESS", *Astronomy & Astrophysics*, **435**, L17, 2005
- (8) F. Aharonian et al., "A New Population of Very High Energy Gamma-Ray Sources in the Milky Way", *Science*, **307**, 1938, 2005
- (9) F. Aharonian et al., "Discovery of VHE gamma rays from PKS 2005-489", *Astronomy & Astrophysics*, **436**, L17, 2005 (Primary Author)
- (10) F. Aharonian et al., "Detection of TeV  $\gamma$ -ray emission from the shell-type supernova remnant RX J0852.0-4622 with HESS", *Astronomy & Astrophysics*, **437**, L7, 2005
- (11) F. Aharonian et al., "Observations of Mkn 421 in 2004 with HESS at large zenith angles", *Astronomy & Astrophysics*, **437**, 95, 2005
- (12) F. Aharonian et al., "Upper limits to the SN 1006 multi-TeV gamma-ray flux from HESS Observations", *Astronomy & Astrophysics*, **437**, 135, 2005
- (13) F. Aharonian et al., "Discovery of Very High Energy Gamma Rays Associated with an X-ray Binary", *Science*, **309**, 746, 2005
- (14) F. Aharonian et al., "Serendipitous discovery of the unidentified extended TeV  $\gamma$ -ray source HESS J1303-631", *Astronomy & Astrophysics*, **439**, 1013, 2005
- (15) F. Aharonian et al., "Observations of selected AGN with HESS", *Astronomy & Astrophysics*, **441**, 465, 2005 (Primary Author)
- (16) F. Aharonian et al., "Discovery of the binary pulsar PSR B1259-63 in very-high-energy gamma rays around periastron with HESS", *Astronomy & Astrophysics*, **442**, 1, 2005
- (17) F. Aharonian et al., "A search for very high energy  $\gamma$ -ray emission from the starburst galaxy NGC 253 with HESS", *Astronomy & Astrophysics*, **442**, 177, 2005
- (18) F. Aharonian et al., "A possible association of the new VHE  $\gamma$ -ray source HESS J1825-137 with the pulsar wind nebula G 18.0-0.7", *Astronomy & Astrophysics*, **442**, L25, 2005
- (19) F. Aharonian et al., "Multiwavelength observations of PKS 2155-304 with HESS", *Astronomy & Astrophysics*, **442**, 895, 2005
- (20) F. Aharonian et al., "The H.E.S.S. Survey of the Inner Galaxy in Very High Energy Gamma Rays", *Astrophysical Journal*, **636**, 777, 2006
- (21) F. Aharonian et al., "Discovery of very-high-energy gamma-rays from the Galactic Centre ridge", *Nature*, **439**, 695, 2006

- (22) F. Aharonian et al., "Evidence for VHE  $\gamma$ -ray emission from the distant BL Lac PG 1553+113", *Astronomy & Astrophysics*, **448**, L19, 2006 (Primary Author)
- (23) F. Aharonian et al., "First detection of a VHE gamma-ray spectral maximum from a Cosmic source: HESS discovery of the Vela X nebula", *Astronomy & Astrophysics*, **448**, L43, 2006
- (24) F. Aharonian et al., "A detailed spectral & morphological study of the gamma-ray supernova remnant RX J1713.7-3946 with HESS", *Astronomy & Astrophysics*, **449**, 223, 2006
- (25) F. Aharonian et al., "A low level of extragalactic background light as revealed by  $\gamma$ -rays from blazars", *Nature*, **440**, 1018, 2006
- (26) F. Aharonian et al., "Discovery of the two 'wings' of the Kookaburra complex in VHE gamma-rays with HESS", *Astronomy & Astrophysics*, **456**, 245, 2006
- (27) F. Aharonian et al., "Discovery of very high energy  $\gamma$ -ray emission from the BL Lac Object H2356-309 with the HESS Cherenkov telescopes", *Astronomy & Astrophysics*, **455**, 461, 2006
- (28) F. Aharonian et al., "Observations of the Crab Nebula with HESS", *Astronomy & Astrophysics*, **457**, 899, 2006
- (29) F. Aharonian et al., "Fast variability of TeV  $\gamma$ -rays from the radio galaxy M 87", *Science*, **314**, 1424, 2006
- (30) F. Aharonian et al., "Energy dependent  $\gamma$ -ray morphology in the pulsar wind nebula HESS J1825-137", *Astronomy & Astrophysics*, **460**, 365, 2006
- (31) F. Aharonian et al., "HESS observations of the Galactic Center region and their possible dark matter interpretation", *Physical Review Letters*, **97**, 221102, 2006
- (32) F. Aharonian et al., "3.9 day orbital modulation in the TeV  $\gamma$ -ray flux and spectrum from the X-ray binary LS 5039", *Astronomy & Astrophysics*, **460**, 743, 2006
- (33) F. Aharonian et al., "Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7-3946 with deep H.E.S.S. observations", *Astronomy & Astrophysics*, **464**, 235, 2007
- (34) F. Aharonian et al., "First ground-based measurement of atmospheric Cherenkov light from cosmic rays", *Physical Review D*, **75**, 042004, 2007
- (35) F. Aharonian et al., "Search for Pulsed VHE Gamma-Ray Emission from Young Pulsars with H.E.S.S.", *Astronomy & Astrophysics*, **466**, 543, 2007
- (36) F. Aharonian et al., "H.E.S.S. Observations of the Supernova Remnant RX J0852.0-4622: Shell-type Morphology and Spectrum of a Widely Extended VHE Gamma-Ray Source", *Astrophysical Journal*, **661**, 236, 2007
- (37) F. Aharonian et al., "Detection of extended very-high-energy  $\gamma$ -ray emission towards the young stellar cluster Westerlund 2", *Astronomy & Astrophysics*, **467**, 1075, 2007
- (38) F. Aharonian et al., "Discovery of a point-like very-high-energy  $\gamma$ -ray source in Monoceros", *Astronomy & Astrophysics*, **469**, L1, 2007
- (39) F. Aharonian et al., "Detection of VHE gamma-ray emission from the distant blazar 1ES 1101-232 with H.E.S.S. and broadband characterization", *Astronomy & Astrophysics*, **470**, 475 2007
- (40) F. Aharonian et al., "An Exceptional Very High Energy Gamma-Ray Flare of PKS 2155-304", *Astrophysical Journal*, **664**, L71, 2007 (Primary Author)
- (41) F. Aharonian et al., "Discovery of two candidate pulsar wind nebulae in very high energy gamma rays", *Astronomy & Astrophysics*, **472**, 489, 2007



- (42) F. Aharonian et al., "Discovery of VHE  $\gamma$ -rays from the Distant BL Lac 1ES 0347-121", *Astronomy & Astrophysics*, **473**, L25, 2007
- (43) F. Aharonian et al., "New constraints on the mid-IR EBL from the HESS discovery of VHE  $\gamma$ -rays from 1ES 0229+200", *Astronomy & Astrophysics*, 475, L9, 2007 (Primary Author)
- (44) F. Aharonian et al., "H.E.S.S. VHE Gamma-Ray Sources Without Identified Counterparts", *Astronomy & Astrophysics*, **477**, 353, 2008
- (45) F. Aharonian et al., "HESS Observations and VLT Spectroscopy of PG 1553+113" *Astronomy & Astrophysics*, **477**, 481, 2008 (Primary Author)
- (46) F. Aharonian et al., "Observations of the Sagittarius Dwarf galaxy by the H.E.S.S. experiment and search for a Dark Matter signal", *Astroparticle Physics*, **29**, 55, 2008
- (47) F. Aharonian et al., "Upper Limits from HESS AGN Observations in 2005-2007", *Astronomy & Astrophysics*, **478**, 387, 2008 (Primary Author)
- (48) F. Aharonian et al., "Discovery of very high energy gamma-ray emission coincident with molecular clouds in the W28 (G6.4-0.1) field", *Astronomy & Astrophysics*, **481**, 401, 2008
- (49) F. Aharonian et al., "Discovery of VHE  $\gamma$ -rays from the high-frequency-peaked BL Lac object RGB J0152+017", *Astronomy & Astrophysics*, **481**, L103, 2008
- (50) F. Aharonian et al., "Exploring a supernova remnant/molecular cloud association within HESS J1745-303", *Astronomy & Astrophysics*, **483**, 509, 2008
- (51) F. Aharonian et al., "Discovery of very-high-energy  $\gamma$ -ray emission from the vicinity of PSR J1913+1011 with H.E.S.S.", *Astronomy & Astrophysics*, **484**, 435, 2008
- (52) F. Aharonian et al., "Chandra and HESS observations of the Supernova Remnant CTB 37B", *Astronomy & Astrophysics*, **486**, 829, 2008
- (53) F. Aharonian et al., "H.E.S.S. Upper Limits for Kepler's Supernova Remnant", *Astronomy & Astrophysics*, **488**, 219, 2008
- (54) F. Aharonian et al., "Search for gamma-rays from dark matter annihilations around intermediate mass black holes with the HESS experiment", *Physical Review D*, **78**, 072008, 2008
- (55) F. Aharonian et al., "Discovery of a VHE gamma-ray source coincident with the supernova remnant CTB 37A", *Astronomy & Astrophysics*, **490**, 685, 2008
- (56) F. Aharonian et al., "Limits on an Energy Dependence of the Speed of Light from a Flare of the Active Galaxy PKS 2155-304", *Physical Review Letters*, **101**, 170402, 2008
- (57) F. Aharonian et al., "Simultaneous HESS and Chandra observations of Sgr A\* during an X-ray flare", *Astronomy & Astrophysics*, **492**, L25, 2008
- (58) F. Aharonian et al., "The energy spectrum of cosmic-ray electrons at TeV energies". *Physical Review Letters*, **101**, 261104, 2008
- (59) F. Aharonian et al., "Simultaneous H.E.S.S. and SWIFT Observations of GRB 060602B", *Astrophysical Journal*, **690**, 1068, 2009
- (60) F. Aharonian et al., "A search for a dark matter annihilation signal towards the Canis Major overdensity with H.E.S.S.", *Astrophysical Journal*, **691**, 175, 2009
- (61) F. Aharonian et al., "Discovery of gamma-ray emission from the shell-type supernova remnant RCW 86 with H.E.S.S.", *Astrophysical Journal*, **692**, 1500, 2009
- (62) F. Aharonian et al., "HESS observations of gamma-ray bursts in 2003-2007", *Astronomy & Astrophysics*, **495**, 505, 2009
- (63) F. Aharonian et al., "Discovery of very high energy gamma-ray emission from Centaurus A with HESS", *Astrophysical Journal Letters*, **695**, L40, 2009

- (64) F. Aharonian et al., “Detection of very high energy radiation from HESS J1908+063 confirms the Milagro unidentified source MGRO J1908+06”, *Astronomy & Astrophysics*, **499**, 723, 2009
- (65) F. Aharonian et al., “Simultaneous multiwavelength observations of a second exceptional  $\gamma$ -ray flare of PKS 2155-304 in July 2006”, *Astronomy & Astrophysics*, **502**, 749, 2009
- (66) F. Acero et al., “PKS 2005-489 at VHE: Four Years of Monitoring with HESS and Simultaneous Multi-wavelength Observations”, *Astronomy & Astrophysics*, **511**, 52, 2010 (primary author)
- (67) A. Abramowski et al. “Multi-wavelength Observations of H 2356-309”, *Astronomy & Astrophysics*, **516**, 56, 2010 (primary author)
- (68) A. Abramowski et al., “ VHE gamma-ray emission of PKS 2155-304: spectral and temporal variability”, *Astronomy & Astrophysics*, **520**, 83, 2010
- (69) F. Aharonian et al., “Discovery of VHE gamma-rays from the BL Lac object PKS 0548-322”, *Astronomy & Astrophysics*, **521**, 69, 2010
- (70) A. Abramowski et al., “A multiwavelength view of the flaring state of PKS 2155-304 in 2006”, *Astronomy & Astrophysics*, **539**, 149, 2012

### **MILAGRO (13 Refereed Publications):**

- (1) R. Atkins et al., “TeV Observations of Markarian 501 with the Milagrito Water Cherenkov Detector”, *Astrophysical Journal Letters*, **525**, L25, 1999
- (2) R. Atkins et al., “Evidence for TeV Emission from GRB 970417a”, *Astrophysical Journal Letters*, **533**, L119, 2000
- (3) R. Atkins et al., “Milagrito, a TeV air-shower array”, *Nuclear Instruments and Methods in Physics Research Section A*, **449**, 478, 2000
- (4) K. Wang et al., “A Survey of the Northern Sky for TeV Point Sources”, *Astrophysical Journal*, **558**, 477, 2001
- (5) R. Atkins et al., “The High-Energy Gamma-Ray Fluence and Energy Spectrum of GRB 970417a from Observations with Milagrito”, *Astrophysical Journal*, **583**, 824, 2003
- (6) A. Falcone et al., “Observation of GeV Solar Energetic Particles from the 1997 November 6 Event Using Milagrito”, *Astrophysical Journal*, **588**, 557, 2003
- (7) R. Atkins et al., “Observation of TeV Gamma Rays from the Crab Nebula with Milagro Using a New Background Rejection Technique”, *Astrophysical Journal*, **595**, 803, 2003
- (8) R. Atkins et al., “Limits on Very High Energy Emission from Gamma-Ray Bursts with the Milagro Observatory”, *Astrophysical Journal Letters*, **604**, L25, 2004
- (9) R. Atkins et al., “TeV Gamma-Ray Survey of the Northern Hemisphere Sky Using the Milagro Observatory”, *Astrophysical Journal*, **608**, 680, 2004
- (10) R. Atkins et al., “Search for very high energy gamma rays from WIMP annihilations near the Sun with the Milagro Detector”, *Physical Review D*, **70**, 083516, 2004
- (11) R. Atkins et al., “Constraints on Very High Energy Gamma-ray Emission from Gamma-ray Bursts”, *Astrophysical Journal*, **630**, 996, 2005
- (12) R. Atkins et al., “Evidence for TeV Gamma-ray Emission from a Region of the Galactic Plane”, *Physical Review Letters*, **95**, 251103, 2005
- (13) A. Abdo et al., “Observation and Spectral Measurements of the Crab Nebula with Milagro”, *Astrophysical Journal*, **750**, 63, 2012

### Conference Proceedings (1st Author):

- (1) W. Benbow, "A Search for TeV Gamma-Ray Emission from Selected AGN Using Milagro", *Proceedings of the 27<sup>th</sup> ICRC (Hamburg)*, 2649, 2001
- (2) W. Benbow, "The Status and Performance of H.E.S.S.", *AIP Conference Proceedings*, **745**, 611, 2004
- (3) W. Benbow, "H.E.S.S. Observations of AGN", *Proceedings of the 40<sup>th</sup> Rencontres de Moriond: Very High Energy Phenomena in the Universe*, 219, 2005
- (4) W. Benbow, "The H.E.S.S. Standard Analysis Technique", *Proceedings of Towards a Network of Atmospheric Cherenkov Detectors VII (Palaiseau)*, 163, 2005
- (5) W. Benbow & L. Costamante, "Discovery of VHE Gamma Rays from PKS 2005-489", *Proceedings of the 29<sup>th</sup> ICRC (Pune)*, **4**, 307, 2005
- (6) W. Benbow, "Observations of Selected AGN with H.E.S.S.", *Proceedings of the 29<sup>th</sup> ICRC (Pune)*, **4**, 303, 2005
- (7) W. Benbow, "The H.E.S.S. Experiment", *Proceedings of PANIC05 (Santa Fe)*, *AIP Conference Proceedings*, **842**, 998, 2006
- (8) W. Benbow, "H.E.S.S.: Astronomy above  $10^{11}$  eV", *Proceedings of the SLAC Summer Institute (SSI06)*, 2007
- (9) W. Benbow & R. Bühler, "Upper Limits from HESS Observations of AGN in 2005-2007", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 1065, 2008
- (10) W. Benbow et al., "Multi-wavelength Observations of PG 1553+113 with HESS", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 1069, 2008
- (11) W. Benbow et al., "A Spectacular VHE Gamma-Ray Outburst from PKS 2155-304 in 2006", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 1081, 2008
- (12) W. Benbow, "The VERITAS Extragalactic Observation Program", *Proceedings of the 40<sup>th</sup> Rencontres de Moriond: Very High Energy Phenomena in the Universe*, 33, 2009
- (13) W. Benbow, "AGIS: The Advanced Gamma Ray Imaging System", *Proceedings of the 40<sup>th</sup> Rencontres de Moriond: Very High Energy Phenomena in the Universe*, 193, 2009
- (14) W. Benbow, "The VERITAS Blazar Key Science Project", *Proceedings of the 31<sup>st</sup> ICRC (Lodz)*, 2009
- (15) W. Benbow, "VERITAS Observations of Blazars", *Proceedings of the 2009 Fermi Symposium*, 2009
- (16) W. Benbow, "VHE Blazar Discoveries with VERITAS", *Proceedings of the 32<sup>nd</sup> ICRC (Beijing)*, **8**, 51, 2011
- (17) W. Benbow, "Highlights of the VERITAS Blazar Observation Program", *Proceedings of the 32<sup>nd</sup> ICRC (Beijing)*, **8**, 47, 2011
- (18) W. Benbow, "Highlights of the VERITAS Blazar Program", *AIP Conference Proceedings*, **1505**, 482, 2012
- (19) W. Benbow, "Highlights from the VERITAS AGN Observation Program", *Proceedings of the 34<sup>th</sup> ICRC (The Hague)*, **PoS 236**, 821, 2015
- (20) W. Benbow, "Highlights from the VERITAS AGN Observation Program", *AIP Conference Proceedings*, **1792**, 050001, 2017
- (21) W. Benbow et al., "Status of the Schwarzschild-Couder medium-sized telescope for the Cherenkov Telescope Array", *AIP Conference Proceedings*, **1792**, 080005, 2017

- (22) W. Benbow, "Highlights from the VERITAS AGN Observation Program", *Proceedings of the 35th ICRC (Busan)*, **PoS 301**, 641, 2017
- (23) W. Benbow, "Highlights from the VERITAS AGN Observation Program", *Proceedings of the 36th ICRC (Madison)*, **PoS 358**, 632, 2019

**Conference Proceedings as Contributing Author (since Ph.D.):**

- (1) G. Rowell et al., "Preliminary results from a search for TeV  $\gamma$ -ray emission from SN1987A and the surrounding field with H.E.S.S.", *AIP Conference Proceedings*, **745**, 299, 2004
- (2) C. Masterson et al., "Observations of the Crab nebula with H.E.S.S.", *AIP Conference Proceedings*, **745**, 617, 2004
- (3) D. Horns et al., "Large zenith angle observations of flares from Mkn 421 in 2004 with H.E.S.S.", *AIP Conference Proceedings*, **745**, 468, 2004
- (4) L. Costamante et al., "On the intrinsic spectrum of PKS 2155-304 from H.E.S.S. 2003 data", *AIP Conference Proceedings*, **745**, 449, 2004
- (5) M. Beilicke et al., "Observation of the giant radio galaxy M87 at TeV energies with H.E.S.S.", *Proceedings of the 22<sup>nd</sup> Texas Symposium on Relativistic Astrophysics (Stanford)*, 2005
- (6) M. Tluczykont et al., "Discovery of  $>160$  GeV  $\gamma$ -rays from 1ES 1101-232 ( $z=0.186$ ) with H.E.S.S.", *Proceedings of the 29<sup>th</sup> ICRC (Pune)*, **4**, 291, 2005
- (7) S. Pita et al., "Discovery of Very High Energy  $\gamma$ -ray emission from the extreme BL Lac object H 2356-309 with H.E.S.S.", *Proceedings of the 29<sup>th</sup> ICRC (Pune)*, **4**, 287, 2005
- (8) C. Masterson et al., "Observations of the Crab nebula with H.E.S.S.", *Proceedings of the 29<sup>th</sup> ICRC (Pune)*, **4**, 143, 2005
- (9) G. Fontaine et al., "Observations of PKS 2155-304 in gamma-rays with HESS, and interpretation with simultaneous multi-wavelength data", *Proceedings of the 29<sup>th</sup> ICRC (Pune)*, **4**, 279, 2005
- (10) M. Beilicke et al., "Observation of the giant radio galaxy M87 at TeV energies with the H.E.S.S. Cherenkov telescopes", *Proceedings of the 29<sup>th</sup> ICRC (Pune)*, **4**, 299, 2005
- (11) M. Beilicke et al., "Discovery of fast variability of the TeV  $\gamma$ -ray flux from the giant radio galaxy M87 with H.E.S.S.", *AIP Conference Proceedings*, **921**, 147, 2007
- (12) S. Wagner et al., "Constraints on Quantum Gravity from Fast TeV Gamma-Ray Flares of AGN", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **4**, 749, 2008
- (13) G. Pühlhofer et al., "Observations of 1ES 1101-232 with H.E.S.S. and at lower frequencies: A hard spectrum blazar and constraints on the extragalactic background light", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 957, 2008
- (14) G. Superina et al., "Discovery of VHE gamma rays from the BL Lac object PKS 0548-322 with H.E.S.S.", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 913, 2008
- (15) M. Raue et al., "Discovery of Two New TeV Blazars with the H.E.S.S. Cherenkov Telescope System", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 965, 2008
- (16) G. Pedalletti et al., "A Search for Very High Energy  $\gamma$ -ray Emission from Passive Super-massive Black Holes", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 933, 2008
- (17) D. Nedbal et al., "VHE  $\gamma$ -ray observations of starburst galaxies with H.E.S.S.", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 929, 2008
- (18) W. Domainko et al. "H.E.S.S. observations of galaxy clusters", *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 953, 2008

- (19) L. Costamante et al., “Multiwavelength observations of PKS 2005-489 and H 2356-309 with H.E.S.S.”, *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 945
- (20) M. Beilicke et al., “Discovery of fast variability of the TeV  $\gamma$ -ray flux from the radio galaxy M 87 with H.E.S.S.”, *Proceedings of the 30<sup>th</sup> ICRC (Merida)*, **3**, 937, 2008
- (21) D. Nedbal et al., “Discovery and Multi-wavelength Study of a BL Lac RGB J0152+017”, *Proceedings of the 37<sup>th</sup> COSPAR Scientific Assembly (Montreal)*, 2192, 2008
- (22) J.-P. Lenain et al., “PKS 2155-304 in July 2006: H.E.S.S. results and simultaneous multi-wavelength observations”, AIP Conference Proceedings, **1085**, 415, 2008
- (23) J. Holder et al., “Status of the VERITAS Observatory”, AIP Conference Proceedings, **1085**, 657, 2008
- (24) R.A. Ong et al., “Highlight Talk: Recent Results from VERITAS”, Proc. of the 31<sup>st</sup> ICRC (Lodz), 2009
- (25) A. Falcone et al., “The Science and Design of the AGIS Observatory”, AAS Meeting #215, Bulletin of the AAS, **42**, 401, 2010
- (26) F. Krennrich et al., “Results from the first two years of VERITAS observations”, Nuclear Instruments and Methods in Physics Research Section A, **630**, 16, 2011
- (27) J. Holder et al., “VERITAS: Status and Highlights”, Proc. of the 32<sup>nd</sup> ICRC (Beijing), 2011
- (28) N. Nowak et al., “Multi-instrument variability study of the classical TeV objects Mrk 421 and Mrk 501”, AIPC, 1505, 518, 2012
- (29) D. Staszak et al. “Science Highlights from VERITAS”, *Proceedings of the 34<sup>th</sup> ICRC (The Hague)*, **PoS 236**, 2015
- (30) K. Byrum et al., “A Medium Sized Schwarzschild-Couder Cherenkov Telescope Mechanical Design Proposed for the Cherenkov Telescope Array”, *Proceedings of the 34<sup>th</sup> ICRC (The Hague)*, **PoS 236**, 2015
- (31) C. Adams et al., “Characterization and assembly of near-ultraviolet SiPMs for the Schwarzschild-Couder medium-size telescope proposed for the CTA Observatory”, **Proc. SPIE 11114**, Hard X-Ray, Gamma-Ray, and Neutron Detector Physics XXI, 111140D, 2019
- (32) C. Adams et al., “Prototype Schwarzschild-Couder Telescope for the Cherenkov Telescope Array: Commissioning Status of the Optical System”, *Proceedings of the 36<sup>th</sup> ICRC (Madison)*, **PoS 358**, 672, 2019
- (33) C. Adams et al., “Development and operations of INFN optical modules for the SCT Telescope camera proposed for the Cherenkov Telescope Array Observatory”, *Proceedings of the 36<sup>th</sup> ICRC (Madison)*, **PoS 358**, 810, 2019

## Miscellaneous:

- (1) D. Williams et al., “The Cherenkov Telescope Array”, Astro2020: Decadal Survey on Astronomy and Astrophysics, APC white papers, Bulletin of the American Astronomical Society, **51**, 291, 2019
- (2) D.B. Kieda et al., “State of the Profession: Intensity Interferometry”, Astro2020: Decadal Survey on Astronomy and Astrophysics, APC white papers, Bulletin of the American Astronomical Society, **51**, 291, 2019
- (3) Atoyan, A.M., et al., “Science Potential of Extragalactic VHE Gamma-ray Observations”, *Astro2010: The Astronomy and Astrophysics Decadal Survey, Science White Papers*, **16**, 2009 (Primary Author)
- (4) D. Nedbal et al., “H.E.S.S. discovers VHE gamma-rays from the BL Lac RGB J0152+017”, *The Astronomer's Telegram*, 1295, 2007
- (5) W. Benbow, L. Costamante & B. Giebels, “H.E.S.S. detects historically high fluxes of Very High Energy gamma rays from PKS 2155-304”, *The Astronomer's Telegram*, 867, 2006
- (6) W. Benbow, “A study of TeV emission from the Crab Nebula and selected AGN using the Milagro Gamma-Ray Observatory”, University of California, Santa Cruz PhD Thesis, 2002
- (7) W.R. Benbow & R.L. Mutel, “Eclipse Observations of EQ Tau”, *Information Bulletin on Variable Stars*, **4187**, 1995