

# CURRICULUM VITAE

## CONTACT

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## SCIENTIFIC DEGREES

- 06/2013 **Habilitation** at the Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University; thesis entitled: *'Active Galaxies as Sources of Cosmic Rays Studied in a Broad Band of the Electromagnetic Spectrum and a Wide Range of Particle Energies'*.
- 01/2005 **Ph.D. in astrophysics** at the Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University; thesis entitled: *'Multifrequency Radiation of Extragalactic Large-Scale Jets'* (advisor: M. Ostrowski).
- 06/2000 **M.Sc. in astrophysics** at the Faculty of Mathematics, Physics and Computer Science of the Jagiellonian University; diploma work entitled: *'Radiation of Ultra-relativistic Electrons Accelerated Within Boundary Shear Layer of Relativistic Jet'* (supervisor: M. Ostrowski).

## EDUCATION & EMPLOYMENT

- 10/2017– ——— **Head of the Department of High Energy Astrophysics** at the Astronomical Observatory of the Jagiellonian University.
- 04/2017– ——— Employed full time in the Astronomical Observatory of the Jagiellonian University at the position of an **Associate Professor (Profesor Nadzwyczajny)**.
- 10/2008–03/2017 Employed full time in the Astronomical Observatory of the Jagiellonian University at the position of an **Adjunct Professor (Adiunkt)**.
- 06/2005–09/2008 Employed full time in the Astronomical Observatory of the Jagiellonian University at the position of an **Assistant Professor (Asystent)**.
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- 03/2010–03/2015 **International Top Young Fellow** at the Institute of Space & Astronautical Science, Japan Aerospace Exploration Agency (Sagamihara, Japan).
- 10/2006–03/2010 **Research Associate** at the Kavli Institute for Particle Astrophysics and Cosmology, Stanford University (Stanford, USA); advisor: R.D. Blandford.
- 04/2005–09/2006 **Postdoctoral researcher** at the Max-Planck-Institut für Kernphysik and Landessternwarte Heidelberg (Heidelberg, Germany); advisors: F. Aharonian, S. Wagner.
- 10/2004–03/2005 **Visiting Scientist** at the Harvard-Smithsonian Center for Astrophysics (Cambridge, USA); advisor: A. Siemiginowska.
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- 10/2000–06/2004 Doctoral studies at the Astronomical Observatory of the Jagiellonian University.
- 10/1999–12/1999 Student exchange visit at the University College Cork (Cork, Ireland).
- 10/1995–06/2000 Studies of physics at the Faculty of Mathematics, Physics and Computer Science of the Jagiellonian University (Kraków, Poland).

## SCIENTIFIC AWARDS

- **The 2011 Shakti P. Duggal Award** given during the 32nd International Cosmic Ray Conference.
- The 2010 Bruno Rossi Prize (for the H.E.S.S. Collaboration).
- **The 2007 Award for Young Scientists** by Polish Astronomical Society.
- The 2006 Descartes Prize for Research (for the H.E.S.S. Collaboration).
- Scientific fellowships for undergraduate students by Polish Ministry of National Education (1998/00).

## PUBLIC OUTREACH & SCIENCE COMMUNICATION

- Featured in the popular science TV program “*Astronarium 120: Promieniowanie kosmiczne*” (16.05.2021) <https://www.youtube.com/watch?v=QV6ZbbbV6rY>
- Popular science lecture “*Supermasywne czarne dziury: jak je zobaczyć i zważyć*” (23.10.2018) (for the open lecture cycle “*Bliżej Nauki*” organized by the Jagiellonian University) <https://www.youtube.com/watch?v=7keKGFQeYkQ>
- Featured in the popular science TV program “*Astronarium 48: Pierwsza kilonowa*” (25.11.2017) <https://www.youtube.com/watch?v=anyJW7u1Euw>
- Press conference of the Polish Academy of Sciences ‘*Nowe przełomowe odkrycia w astronomii fal grawitacyjnych*’ (16.10.2017)
- Featured in the art & popular science radio program “*#Sztukanauka*” (01.09.2017) <http://www.radiokrakow.pl/audycje/sztukanauka/audycja-z-1092017-r/>
- Featured in the popular science TV program “*Astronarium 40: Project CTA*” (10.08.2017) <https://www.youtube.com/watch?v=gkouvwGFfGM>
- NASA Press Release ‘*Glow from the Big Bang Allows Discovery of Distant Black Hole Jet*’ (16.02.2016)
- NASA, ESA & JAXA Press Releases ‘*Cassini Sheds Light on Cosmic Particle Accelerators*’ (18/19.02.2013)
- Included in the 2013, 2012, and 2011 Issues of the ‘*Japanese Scientists in Science*’
- NASA and JAXA Press Releases ‘*Record-Setting X-ray Jet Discovered*’ (28.11.2012)
- NASA Press Release ‘*Fermi Maps an Active Galaxy’s Smokestack Plumes*’ (1.04.2010)

## TEACHING & MENTORING EXPERIENCE

- **Ph.D. Dissertation supervision** in the Astronomical Observatory UJ (defense dates: Jul 2021; Oct 2021)
- **Bachelor’s Thesis supervision** in the Astronomical Observatory UJ (defense date: Sep 2020)
- Mentoring the **ERASMUS exchange student** in the Astronomical Observatory UJ (2019)
- Lecturer for the ‘*Cracow School of Theoretical Physics, LIX Course*’ (2019)
- **Master Thesis supervision** in the Astronomical Observatory UJ (defense date: Sep 2018)
- Lecturer for the ‘*4th Cosmology Cracow School*’ (2018)
- Mentoring the **Fulbright U.S. Researcher** in the Astronomical Observatory UJ (2017/18)
- Supervising participants of the International Summer Student Internships (ISSI) Programme for Astronomy and Physics Students in the Astronomical Observatory UJ (2016, 2017)
- Lectures for the Ph.D. and M.Sc. students in the Astronomical Observatory UJ (including “*Selected Topics In High Energy Astrophysics*”, “*Introduction to High Energy Astrophysics*”, and “*Radiative Processes*”; since 2015)
- **Auxiliary supervisor of the Ph.D. Dissertation** at the Department of Physics, Graduate School of Science, The University of Tokyo (principal supervisor: Tadayuki Takahashi; Dec 2013)
- Lecturer during the NASA’s Fermi Summer School 2013 (Lewes DE, USA; 2013)

## OTHER ACADEMIC DUTIES

- Member of the MNS Grant Committee at the Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University (since 2021).
- Representative from the Jagiellonian University in the Institutional Board of the Hyper-KAMIOKANDE Collaboration (since 2020).
- Member of the Committee on the Habilitation Degree, Jagiellonian University, Kraków; 01/2020.
- Member (VP) of the “Rada Dyscypliny Astronomia”, Jagiellonian University (since 2019).
- Reviewer in the Committee on the Habilitation Degree, University of Łódź, Łódź; 02/2019.
- Member of the Committees on the Bachelor Degree, Jagiellonian University, Kraków; 07/2018.
- Member of the Committees on the Doctoral Degree, Jagiellonian University, Kraków; 06/2017, 11/2017, 09/2018, 12/2018, 02/2018, 05/2019, 05/2019, 04/2021, 07/2021, 10/2021.
- Member of the Committee on the Habilitation Degree, Institute of Nuclear Physics PAS, Kraków; 03/2017.
- In charge of the ‘*Astronomy Seminar Series*’ in the Astronomical Observatory UJ (2016–2021).
- In charge of the ‘*Astronomy Seminar Series*’ at the Stanford University (2007–2009).

## GROUPS, NETWORKS & COLLABORATIONS

- Member of the **Gamow Explorer** Team (space X-ray mission proposed to NASA); since 2021.
- Member of the **Hyper-KAMIOKANDE** Collaboration; since 2019.
- Member of the **International Astronomical Union (IAU)**; since 2018.
- Member of the Commission on Astrophysics of the **Polish Academy of Arts and Science**; since 2017.
- Science member of the **ATHENA** Team (future space X-ray mission selected by ESA); since 2015.
- Science member of the **Hitomi** Team (New Exploration X-ray Telescope); 2010–2016.
- Member of the **CTA** Consortium (The Cherenkov Telescope Array); since 2010.
- Member of the **Fermi-LAT** Collaboration (Large Area Telescope onboard the Fermi Gamma Ray Telescope); since 2009.
- Member of the **H.E.S.S.** Collaboration (High Energy Stereoscopic System: an Array of Imaging Atmospheric Cherenkov Telescopes); since 2006.
- Member of the **ENIGMA** Collaboration (European Network for the Investigation of Galactic Nuclei through Multifrequency Analysis, funded by the European Commission); 2006.
- Member of the **Polish Astronomical Society (PTA)**; since 2001.

## LONGER RESEARCH VISITS

- Department of Physics and Astronomy, University of Delaware (Newark, USA); 2013, two weeks.
- Department of Astronomy, Yale University (New Haven, USA); 2013, one week.
- Department of Physical Science, Hiroshima University (Hiroshima, Japan); 2013, one week.
- CSIRO Astronomy and Space Science (Marsfield, Australia); 2012, one month.
- Laboratoire d’Astrophysique de Grenoble (Grenoble, France); 2010, several weekly visits.
- The Department of Astronomy, Stockholm University (Stockholm, Sweden); 2009, one month.
- Harvard-Smithsonian Center for Astrophysics (Cambridge, USA); 2007–2014, several weekly visits.
- Institut d’Astrophysique de Paris (Paris, France); 2005, several weeks.
- JILA, University of Colorado (Boulder, USA); 2003, one month.
- Nicolaus Copernicus Astronomical Center (Warszawa, Poland); 2000–2013, several weekly visits.

## PEER REVIEWING

- Member of the CTA Speaker and Publications Office (SAPO); 2016–2018.
- Member of the Observing Programmes Committee for the European Southern Observatory; 2015.
- Reviewer for the Harvard-Smithsonian CfA in ‘*Chandra X-ray Center Cycle 16 Peer Review*’; 2014.
- Reviewer for the NASA’s ‘*Suzaku Cycle 4 Peer Review Panel*’; 2009.
- Reviewer for the NASA’s ‘*Astrophysics Theory and Fundamental Physics*’ program; 2007.
- Reviewer for the Harvard-Smithsonian Center for Astrophysics in ‘*Chandra X-ray Center Cycle 9 Peer Review*’; 2007.

## RESEARCH GRANTS

- **NSC grant PRELUDIUM-BIS 2019/35/O/ST9/04054** ‘*Badanie ewolucji czarnych dziur i ich relatywistycznych wpływów w układach astrofizycznych: od kolapsujących masywnych gwiazd do galaktyk aktywnych*’ (PI: **Ł. Stawarz**); 2020–2024 (48 months; currently ongoing).
- **European Commission grant H2020-MSCA-RISE 2019 872549-SK2HK** ‘*From Super-Kamiokande to Hyper-Kamiokande*’ (PI: K. Zietara); 2019–2023 (48 months; currently ongoing).  
**MNiSW grant “Premia na Horyzoncie 2” 488140/PNH2/2020**; 2020–2024.
- **NSC grant SONATA-BIS 2016/22/E/ST9/00061** ‘*Produkcja i propagacja cząstek wysokoenergetycznych w przestrzeni kosmicznej: od Układu Słonecznego i ośrodka międzygwiazdowego do supermasywnych czarnych dziur i gromad galaktyk*’ (PI: **Ł. Stawarz**); 2017–2022 (60 months; currently ongoing).
- **NSC grant HARMONIA 2016/22/M/ST9/00382** ‘*Astrofizyka bardzo wysokich energii z wykorzystaniem obserwatoriów H.E.S.S. i MAGIC*’ (PI: R. Moderski); 2017–2020 (36 months).
- **NSC grant HARMONIA 2016/22/M/ST9/00583** ‘*Polski wkład w przygotowanie i przeprowadzenie programu badawczego projektu CTA w pierwszej fazie działania*’ (PI: M. Ostrowski); 2017–2020 (36 months).
- **NSC grant DEC-2012/04/A/ST9/00083** ‘*Teoretyczne badanie relatywistycznych dżetów z wykorzystaniem danych obserwacyjnych w szerokim zakresie częstotliwości widma EM, od fal radiowych do wysokoenergetycznego promieniowania  $\gamma$* ’ (PI: M. Ostrowski); 2012–2017 (60 months).
- **NCN grant DPN/N43/HES-MAGIC/2010** ‘*Obserwacje wysokoenergetycznych źródeł astrofizycznych w ramach projektów H.E.S.S. i MAGIC*’ (PI: R. Moderski); 2010–2015 (60 months).
- **MNiSW N N203 380336** ‘*Teoretyczne i obserwacyjne badanie procesów akceleracji cząstek promieniowania kosmicznego*’ (PI: M. Ostrowski); 2009–2012 (36 months).
- **621/E-78/BWSN-0068/2008** ‘*Polish Astroparticle Network*’; 2007–2009 (24 months).
- **MNiSW PBS Nr 130/HES/2006/03** ‘*Obserwacje wysokoenergetycznych źródeł astrofizycznych w ramach międzynarodowego projektu H.E.S.S. i udział w jego rozbudowie do fazy H.E.S.S. II*’ (PI: M. Ostrowski); 2006–2009 (36 months).
- **1P03D-003-29** ‘*Procesy akceleracji cząstek promieniowania kosmicznego i towarzyszące im procesy radiacyjne w dżetach i falach uderzeniowych*’ (PI: M. Ostrowski); 2005–2008 (36 months).
- **1-P03D-001-29** ‘*Badanie własności i wpływu ośrodka międzygalaktycznego na ewolucję radiogalaktyk do tzw. gigantycznych rozmiarów*’ (PI: J. Machalski); 2005–2008 (30 months).
- **1-P03D-011-26** ‘*Emisja wysokoenergetycznych fotonów gamma z wielkoskalowych dżetów pozagalaktycznych*’ (PI: **Ł. Stawarz**); 2004–2005 (12 months).
- **PBZ/KBN/054/P03/2001** ‘*Badanie kosmicznych źródeł promieniowania i cząstek wysokich energii*’ (PI: J. Ziółkowski); 2002–2005 (36 months).
- **2-P03D-002-17** ‘*Badanie mechanizmów akceleracji cząstek promieniowania kosmicznego*’ (PI: M. Ostrowski); 1999–2002 (36 months).

## SCIENTIFIC INTERESTS

- i) particle acceleration and propagation in astrophysical and space plasma;
- ii) cosmological evolution of supermassive black holes and active galactic nuclei;
- iii) physics of relativistic jets in active galaxies;
- iv) radiative processes in various astrophysical environments;
- v) astrophysical sources of high-energy emission and particles.

## SEMINAR PRESENTATIONS

- at the Institute of Astronomy, The University of Wrocław, Poland (11/2020)
- at the Toruń Centre for Astronomy, Nicolaus Copernicus University, Poland (03/2017)
- at the Uniwersytet Pedagogiczny w Krakowie, Poland (12/2016)
- at the Polska Akademia Umiejętności (PAU), Poland (01/2016)
- at the Theoretical Astronomy Division, National Astronomical Observatory of Japan, Japan (06/2015)
- at the Department of Physics, Rikkyo University, Japan (05/2015)
- at the Department of Physics and Astronomy, University of Delaware, USA (04/2013, 05/2013)
- at the Department of Astronomy, Yale University, USA (04/2013)
- at the Department of Physical Science, Hiroshima University, Japan (01/2013)
- at the CSIRO Astronomy and Space Science, Australia (08/2012)
- at the Oxford Astrophysics Department, University of Oxford, UK (04/2012)
- at the Laboratoire d'Astrophysique, Observatoire de Grenoble, France (01/2010)
- at the ISAS, Japan Aerospace Exploration Agency, Japan (09/2009, 07/2010, 06/2014, 02/2015)
- at the Oskar Klein Centre for Cosmo Particle Physics, Stockholm University, Sweden (05/2009)
- at the Stockholm Center for Physics, Astronomy and Biotechnology, Sweden (05/2009)
- at the Centre for Space Research, North-West University, South Africa (03/2008)
- at the Astronomical Observatory of the Warsaw University, Poland (04/2007, 03/2018)
- at the Department of Astronomy, University California–Berkeley, USA (03/2007)
- at the KIPAC, Stanford University, USA (02/2007, 04/2007, 09/2008)
- at the Institute of Physics of the Warsaw University, Poland (01/2007, 10/2013)
- at the Stanford Linear Accelerator Center, USA (10/2006, 06/2007, 10/2007, 04/2008, 08/2009, 04/2010, 02/2012, 02/2012)
- at the Landessternwarte Heidelberg, Germany (09/2006)
- at the Institut für Theoretische Physik und Astrophysik, Universität Würzburg, Germany (07/2006)
- at the Max-Planck-Institut für Astronomie, Germany (02/2006)
- at the Harvard-Smithsonian Center for Astrophysics, USA (11/2004, 01/2007, 01/2011)
- at the Astrophysics Division of the Physics Department, MIT, USA (10/2004)
- at the Nicolaus Copernicus Astronomical Center, Poland (02/2004, 10/2008, 09/2013)
- at the Department of Earth and Space Science, Osaka University, Japan (08/2003)
- at the Institut für Astrophysik der Universität Bonn, Germany (07/2003)
- at the Institute of Physics of the Łódź University, Poland (03/2002)
- at the Institute of Physics and the Astronomical Observatory of the Jagiellonian University, Poland (01/1999, 05/2000, 05/2001, 12/2002, 03/2003, 02/2004, 01/2008, 12/2012, 09/2013, 12/2015, 03/2017, 01/2019)

## CONFERENCES, SYMPOSIA & WORKSHOPS

117. ‘*XXVII Cracow Epiphany Conference*’, Kraków (Poland), 10-14.01.2022  
**invited talk:** ‘Some Recent Observational Constraints on the Magnetization and Energy Dissipation in AGN Jets’
116. ‘*XL Polish Astronomical Society Meeting*’, Szczecin (Poland), 13-17.09.2021  
**invited talk:** ‘High-Energy View on Evolving Galaxies and Their Nuclei’
115. ‘*Cracow School of Theoretical Physics, LIX Course, 2019*’, Zakopane (Poland), 14-22.06.2019  
**invited lectures:** ‘Measuring the masses and spins of astrophysical black holes’, ‘Multi-wavelength variability of relativistic jets: all the colors of noise’
114. ‘*Particle Astrophysics in Poland*’, Warszawa (Poland), 20-21.05.2019  
**talk:** ‘MeV Space Observatories’
113. ‘*Spring 2019 H.E.S.S. Collaboration Meeting*’, Kraków (Poland), 15-18.04.2019  
**invited talk:** ‘Particle Acceleration in Blazar Sources’
112. ‘*LSST-PL Meeting I*’, Warszawa (Poland), 14.03.2019  
**talk:** ‘Cosmological Evolution of the Radio-loudness of Quasar Sources’
111. ‘*4th Cosmology School 2018*’, Kraków (Poland), 08-22.07.2018  
**invited lectures:** ‘Cosmological evolution of radio-loud Active Galactic Nuclei’, ‘Impact of evolving radio galaxies on their environment: from interstellar medium to galaxy groups and clusters’
110. ‘*CTA-PL Meeting*’, Kraków (Poland), 16-17.04.2018  
**talk:** ‘Monitoring of Bright TeV Blazars’ and ‘New Classes of Extragalactic Gamma-ray Sources’
109. ‘*H.E.S.S. Extragalactic F2F Meeting 2018*’, Kraków (Poland), 31.01 - 02.02.2018  
**talk:** ‘Blazar modeling and variability power spectra’
108. ‘*XXXVIII Polish Astronomical Society Meeting*’, Zielona Góra (Poland), 11-14.09.2017  
**invited talk:** ‘High-Energy Astrophysics – recent observational results & prospects for the future’
107. ‘*The Power of X-ray Spectroscopy*’, Warszawa (Poland), 6-8.09.2017
106. ‘*Polarised Emission from Astrophysical Jets*’, Ierapetra (Greece), 12-16.06.2017  
**invited talk:** ‘Conference Summary’
105. ‘*CTA-PL Meeting*’, Kraków (Poland), 3-4.04.2017  
**talks:** ‘Science with SST-1M’ and ‘Future X-ray Missions’
104. ‘*TeV Particle Astrophysics 2016*’, CERN (Switzerland), 12-16.09.2016  
**invited talk:** ‘Extragalactic Gamma-Ray Astrophysics’
103. ‘*Blazars through Sharp Multi-Wavelength Eyes*’, Malaga (Spain), 30.05-3.06, 2016  
**invited talk:** ‘Relativistic Jets in AGN: Magnetic Field Structure and Particle Acceleration’
102. ‘*M87 Workshop: Towards the 100th Anniversary of the Discovery of Cosmic Jets*’, Taipei (Taiwan), 23 - 27.05.2016  
**invited talk:** ‘High-Energy Emission and Particle Acceleration in M87 Jet’
101. ‘*15th ASTRO-H Science Meeting*’, Minami-Osawa (Japan), 18-20.05.2016
100. ‘*The Cherenkov Telescope Array Consortium General Meeting*’, Kashiwa (Japan), 16 - 20.05.2016  
**talks:** ‘New Classes of Extragalactic  $\gamma$ -ray Emitters’, and ‘Science with the first SSTs’
99. ‘*CTA PL and SST-1M General Meeting*’, Kraków (Poland), 12-14.04.2016  
**talk:** ‘Science with SST-1M Telescopes’
98. ‘*Relativistic Jets: Creation, Dynamics, and Internal Physics*’, Cracow (Poland), 20-24.04.2015  
**member of the Science Organizing Committee (chair) and Local Organizing Committee**
97. ‘*2nd ASTROGAM Workshop*’, Paris (France), 26-27.03.2015  
**invited talk:** ‘Why Do We Need ASTROGAM To Understand Blazars?’

96. *'13th ASTRO-H Science Meeting'*, Minami-Osawa (Japan), 2-4.03.2015  
**talk:** 'ASTRO-H Targets Proposed from the "Broad-Band and Polarimetry" WPTF'
95. *'Future Space-based Gamma-ray Observatories'*, Greenbelt MD (USA), 5-6.02.2015  
**talk:** 'What Can We Learn from MeV Studies of Active Galaxies'
94. *'1st ASTROGAM Workshop: the Mega Universe'*, Rome (Italy), 9-10.12.2014  
**talk:** 'AGN Science with Soft Gamma-ray Detector onboard the ASTRO-H'
93. *'15 Years of Science with Chandra'*, Boston (USA), 18-21.11.2014  
**talk:** 'Chandra Observations of Classical Double Radio Galaxies in Brightest Cluster Galaxies'
92. *'IAU Symposium 313: Extragalactic Jets from Every Angle'*, Galapagos (Ecuador), 15-19.09.2014  
**member of the Science Organizing Committee**
91. *'12th ASTRO-H Science Meeting'*, Paris (France), 9-11.07.2014  
**talk:** 'PV Proposal Summary: Broad-band Spectroscopy & Polarization'
90. *'Kavli IPMU Focus Workshop on Hyper-accretion'*, Kashiwa (Japan), 7-11.04.2014
89. *'Understanding Relativistic Jets by Polarimetry and Synergetic Study From Radio to TeV'*, Hiroshima (Japan), 24-26.03.2014  
**invited talk:** 'Hard Electron Spectra and Polarization Properties of Relativistic Jets'
88. *'ASTRO-H HXI/SGD Science'*, Hiroshima (Japan), 24-25.02.2014  
**invited talk:** 'Nonthermal Physics and Jet Science'
87. *'Suzaku-MAXI 2014: Expanding the Frontiers of the X-ray Universe'*, Matsuyama (Japan), 19-22.02.2014  
**invited talk:** 'Blazars Studied with Suzaku and Fermi-LAT'
86. *'11th ASTRO-H Science Meeting'*, Matsuyama (Japan), 16-18.02.2014
85. *'Multi-messenger Approaches to Cosmic Rays: Origins and Space Frontiers'*, Paris (France), 27 - 29.11.2013  
**invited talk:** 'AGN Jets and Lobes: Sources of UHECRs?'
84. *'Relativistic jets in AGNs 2013'*, Mitaka (Japan), 22.11.2013  
**invited talk:** 'Variability of Blazars: Recent Observational Results vs. Theoretical Modeling'
83. *'Black holes, jets and outflows'*, Kathmandu (Nepal), 14 - 18.10.2013  
**invited talk:** 'AGN Jets and Outflows Viewed at High Energies'
82. *'The Cherenkov Telescope Array Consortium General Meeting'*, Warsaw (Poland), 23 - 27.09.2013  
**invited talk:** 'Particle Acceleration in Astrophysical Sources of High Energy Radiation – A Critical Review in the Context of CTA'
81. *'36th Meeting of Polish Astronomical Society'*, Warsaw (Poland), 11 - 14.09.2013  
**invited talk:** 'Recent Results of the Fermi-LAT Collaboration'
80. *'10th ASTRO-H Science Meeting'*, New Haven CT (USA), 10-12.07.2013  
**invited talk:** 'My Top Science with ASTRO-H'
79. *'33rd International Cosmic Ray Conference'*, Rio de Janeiro (Brasil), 2-9.07.2013  
**invited rapporteur on the conference contributions relating to space  $\gamma$ -ray astronomy;**  
**talk:** 'Active Galaxies Studied with the H.E.S.S. Observatory'
78. *'Fermi Summer School 2013'*, Lewes DE (USA), 28.05-7.06.2013  
**invited lectures:** 'Radiative Processes in Astrophysics', 'Particle Acceleration in Astrophysics', 'Galactic CRs Probed with *Fermi*-LAT', and 'Extragalactic CRs Probed with *Fermi*-LAT'
77. *'The Fermi Bubbles: Theory and Observations'*, Menlo Park CA (USA), 11-12.04.2013  
**member of the Science Organizing Committee**  
**invited talk:** 'Extended Lobes in AGN at High Energies'
76. *'Cracow Astroparticle Meeting: Astrofizyka Cząstek w Polsce'*, Kraków (Poland), 3-6.03.2013  
**invited talks:** 'Przegląd wyników obserwatorium satelitarnego Fermi' and 'Modelowanie emisji gamma ze źródeł pozagalaktycznych'

75. *'9th ASTRO-H Science Meeting'*, Tsukuba (Japan), 18-22.02.2013
74. *'Relativistic Jets in AGN'*, Mitaka (Japan), 29.11.2012  
**invited talk:** 'Extended Lobes in AGN as Viewed at High Energies'
73. *'Nature's Particle Accelerators'*, Annapolis MA (USA), 22-25.10.2012  
**talk:** 'Giant Lobes of Centaurus A Radio Galaxy As Sources of High-Energy Emission and Particles'
72. *'The Extreme Universe Viewed in VHE  $\gamma$ -rays'*, Kashiwa (Japan), 25-26.09.2012  
**invited talk:** 'Astrophysical Sources of High Energy Radiation and Particles'
71. *'IAU XXVIII General Assembly'*, Beijing (China), 20-31.08.2012  
**member of the Science Organizing Committee**  
**invited talk:** 'The AGN Population in Radio and Gamma-rays: Theoretical Perspective'
70. *'ASTRO-H 8th Science Meeting'*, Cambridge (UK), 9-11.07.2012
69. *'Exploring Nonthermal Universe with the Soft Gamma-Ray Detector'*, Hakone (Japan), 17-19.05.2012  
**invited talk:** 'Studying Gamma-ray Emitting AGN with SGD'
68. *'Spring 2012 H.E.S.S. Collaboration Meeting'*, Leicester (UK), 16-20.04.2012  
**invited talk:** 'Flat Spectrum Radio Quasars: HE and VHE Emission'
67. *'Astronomical Society Japan 2012 Spring Meeting'*, Kyoto (Japan), 19-22.04.2012  
**talk:** 'Gamma-ray Loud AGN in the Era of ASTRO-H'
66. *'High Energy Astroparticle Physics 2011 -  $\gamma$ -Ray Universe'*, Tsukuba (Japan), 13-15.11.2011  
**invited talk:** 'Active Galactic Nuclei as Sources of High Energy Particles and Radiation'
65. *'32nd International Cosmic Ray Conference'*, Beijing (China), 11-18.08.2011
64. *'Exploring the X-ray Universe: Suzaku and Beyond'*, Menlo Park CA (USA), 20-22.07.2011  
**invited talk:** 'Multi-wavelength studies of Blazars'
63. *'Sixth Astro-H Science Working Group Meeting'*, Menlo Park CA (USA), 18-19.07.2011
62. *'Structure in Clusters and Groups of Galaxies in the Chandra Era 2011'*, Boston MA (USA), 12-14.07.2011
61. *'Understanding Relativistic Jets'*, Cracow (Poland), 23-26.05.2011  
**member of the Science Organizing Committee and Local Organizing Committee**
60. *'5th ASTRO-H Science Meeting'*, Sagamihara (Japan), 22-24.02.2011
59. *'Towards a Root of AGN Jets: Recent Progress'*, Mitaka (Japan), 14-15.12.2010  
**invited talk:** 'Large-Scale Jets & Lobes: High Energy Emission and Particle Acceleration'
58. *'25th Texas Symposium on Relativistic Astrophysics'*, Heidelberg (Germany), 6-10.12.2010  
**invited talk:** 'On the Energy Spectra of GeV/TeV Cosmic Ray Leptons'
57. *'Fall 2010 H.E.S.S. Collaboration Meeting'*, Stockholm (Sweden), 17-22.10.2010
56. *'Cosmic Rays for Particle and Astroparticle Physics'*, Como (Italy), 7-8.10.2010  
**invited talk:** 'Particle Acceleration in Active Galactic Nuclei'
55. *'Fall 2010 H.E.S.S. AGN Group Meeting'*, Paris (France), 28.09 - 1.10.2010  
**talk:** 'Active Galactic Nuclei in the Fermi Era'
54. *'The Physical Society of Japan 2010 Autumn Meeting'*, Kyushu (Japan), 11-14.09.2010  
**invited talk:** 'Relativistic Jets and Active Galactic Nuclei in the Fermi Era'
53. *'Fermi LAT Collaboration Meeting'*, Menlo Park (USA), 30.08 - 3.09.2010  
**talk:** 'Seyfert Galaxies in Gamma-rays. NGC 4151'
52. *'38th COSPAR Scientific Assembly'*, Bremen (Germany), 18-25.07.2010  
**invited talks:** 'AGN Variability Across the Electromagnetic Spectrum and Spatial Scales', and  
'Particle Acceleration in Relativistic Plasma: What Can We Learn From Next Generation IACTs?'
51. *'The 2010 April Meeting of the American Physical Society'*, Washington DC (USA), 13-17.02.2010  
**invited talk:** 'Extended Lobes as Sources of High Energy Particles and Radiation'



50. *'Acceleration & Emission Processes at High Energies'*, Meudon/Paris (France), 25-26.01.2010  
**invited talks:** 'Acceleration of Ultrarelativistic Electrons in AGN Jets', and 'Extended AGN Lobes and Ultrarelativistic Hadrons'
49. *'215th American Astronomical Society Meeting'*, Washington DC (USA), 3-7.01.2010  
**invited talk:** 'Extragalactic Gamma-Ray Sources at Sub-millisecond Scales'
48. *'Cosmological Implications of the Extragalactic Background Light'*, Menlo Park (USA), 15.12.2009  
**member of the Science Organizing Committee and Local Organizing Committee**  
**talk:** 'Cosmological Evolution of Extragalactic Radio Sources'
47. *'2009 Fermi Symposium'*, Washington DC (USA), 2-5.11.2009  
**invited talk:** 'Fermi AGN: Open Questions and Looking Forward'
46. *'High Energy Phenomena in Relativistic Outflows II'*, Buenos Aires (Argentina), 26-30.10.2009  
**invited talk:** 'Multiwavelength Aspects of Relativistic Jets'
45. *'Nonlinear Processes in Astrophysical Plasmas'*, Santa Barbara (USA), September 28.09 - 02.10.2009  
**invited talk:** 'Particle Acceleration in AGN Jets'
44. *'34th Meeting of Polish Astronomical Society'*, Kraków (Poland), 14 - 18.09.2009  
**member of the Science Organizing Committee**  
**invited talk:** 'Przyspieszanie cząstek w dżetach pozagalaktycznych'
43. *'TeV Particle Astrophysics V'*, Menlo Park (USA), 13 - 17.07.2009  
**member of the Science Organizing Committee**  
**invited talk:** 'Shock versus Stochastic Acceleration of Ultrarelativistic Particles in Active Galaxies'
42. *'Accretion and Ejection in AGN: A Global View?'*, Como (Italy), 22 - 26.06.2009  
**invited talk:** 'Radio Quiet vs. Radio Loud AGN: What Makes the Difference?'
41. *'Physics of Relativistic Flows: An Observational View'*, Stockholm (Sweden), 1-2.06.2009
40. *'Kinetic Modeling of Astrophysical Plasmas'*, Cracow (Poland), 5 - 9.10.2008  
**invited talk:** 'Particle Acceleration in Extragalactic Jets'
39. *'Fall 2007 H.E.S.S. Collaboration Meeting'*, Annecy (France), 15 - 18.09.2008  
**talks:** 'M87 Radio Galaxy: Radio, Optical/UV, X-ray and TeV Emission', and 'Stochastic Acceleration of Ultrarelativistic Electrons'
38. *'SLAC Summer Institute: Cosmic Accelerators'*, Menlo Park (USA), 4 - 15.08.2008
37. *'Radio Galaxies in the Chandra Era'*, Cambridge (USA), 8 - 11.07.2008  
**invited talk:** 'Role and Structure of the Magnetic Field in Extragalactic Jets'
36. *'The International Astroparticle Symposium: The High Energy Frontier'*, Golden (USA), 6 - 8.04.2008  
**talks:** 'Stochastic Acceleration of Very High Energy Electrons', and 'TeV Blazars: New Insights from the H.E.S.S. Observatory'
35. *'Multiwavelength Views of the High Redshift Universe'*, Cape Town (South Africa), 17 - 20.03.2008  
**talk:** 'H.E.S.S. Experiment and Blazars'
34. *'Toward the Future of Very High Energy Gamma-ray Astronomy'*, Menlo Park (USA), 8 - 9.11.2007
33. *'High Energy Phenomena in Relativistic Outflows'*, Dublin (Ireland), 24 - 28.09.2007  
**talk:** 'Radio Loudness of AGNs: Host Galaxy Morphology and the Spin Paradigm'
32. *'33rd Meeting of Polish Astronomical Society'*, Kielce (Poland), 17 - 19.09.2007  
**invited talk:** 'Emisja dżetów w galaktykach aktywnych'
31. *'Workshop on Astrophysics and Space Research'*, Serock (Poland), 27 - 30.06.2007  
**invited talk:** 'Physics of Relativistic Jets in the Era of Modern High Energy Observatories'
30. *'2nd HelioMagnetism Workshop'*, Stanford (USA), 5.06.2007  
**member of the Science Organizing Committee and Local Organizing Committee**
29. *'Extragalactic Jets: Theory and Observation from Radio to Gamma Ray'*, Girdwood (USA), 21 - 24.05.2007  
**talk:** 'Radio Loudness of AGNs: Host Galaxy Morphology and the Spin Paradigm'

28. *'Spring 2007 H.E.S.S. Collaboration Meeting'*, Cracow (Poland), 18 - 22.04.2007
27. *'1st HelioMagnetism Workshop'*, Stanford (USA), 26.02.2007  
**member of the Science Organizing Committee and Local Organizing Committee**
26. *'The First GLAST Symposium'*, Stanford (USA), 5 - 8.02.2007
25. *'9th Meeting of the AAS High Energy Astrophysics Division'*, San Francisco (USA), 4 - 7.10.2006
24. *'8th ENIGMA Meeting'*, Espoo (Finland), 5 - 8.09.2006  
**talk:** 'Broad-Band Spectra of GPS/CSS Sources'
23. *'Challenges of Relativistic Jets'*, Cracow (Poland), 25.06 - 01.07.2006  
**member of the Science Organizing Committee and Local Organizing Committee**
22. *'7th ENIGMA Meeting'*, Hydra (Greece), 8 - 10.05.2006  
**talks:** 'High-Energy  $\gamma$ -ray Emission in M87 Radio Galaxy', and 'High-Energy  $\gamma$ -ray Emission in Centaurus A Radio Galaxy'
21. *'Spring 2006 H.E.S.S. Collaboration Meeting'*, Dublin (Ireland), 21 - 24.03.2006
20. *'6th ENIGMA Meeting'*, Kinsale (Ireland), 18 - 25.11.2005  
**talk:** 'High Energy Emission in the Jets of M87 and Cen A'
19. *'The X-ray Universe 2005'*, El Escorial (Spain), 26 - 30.09.2005
18. *'Astrophysical Sources of High Energy Particles and Radiation'*, Toruń (Poland), 20 - 24.06.2005  
**invited talk:** 'Radiative Processes In Extragalactic Large-Scale Jets'
17. *'3rd Granada Workshop on Relativistic Jet Physics'*, Granada (Spain), 21 - 23.04.2005  
**invited talk:** 'Multiwavelength Emission of Extragalactic Large-Scale Jets'
16. *'22nd Texas Symposium on Relativistic Astrophysics'*, Palo Alto (USA), 13 - 17.12.2004
15. *'International Symposium on High Energy  $\gamma$ -Ray Astronomy'*, Heidelberg (Germany), 26 - 30.07.2004
14. *'Growing Black Holes: Accretion in a Cosmological Context'*, Garching (Germany), 21 - 25.06.2004
13. *'Epiphany Conference On Astroparticle Physics'*, Cracow (Poland), 08 - 11.01.2004
12. *'Science with 5@5'*, Ringberg (Germany), 10 - 14.11.2003  
**invited talk:** 'High Energy Radiation of Extragalactic Large-Scale Jets'
11. *'31th Meeting of Polish Astronomical Society'*, Toruń (Poland), 08 - 12.09.2003  
**invited talk:** 'Promieniowanie wysokoenergetyczne wielkoskalowych dżetów'
10. *'28th International Cosmic Ray Conference'*, Tsukuba (Japan), 31.07 - 07.08.2003
9. *'Particle Acceleration in Astrophysical Objects'*, Cracow (Poland), 24 - 28.06.2003  
**member of the Local Organizing Committee**
8. *'Multifrequency Behavior of High Energy Cosmic Sources'*, Vulcano (Italy), 26 - 31.05.2003  
**invited talk:** 'Multifrequency Radiation of Extragalactic Large-Scale Jets'
7. *'The Physics of Relativistic Jets in the Chandra and XMM Era'*, Bologna (Italy), 23 - 27.09.2002  
**talk:** 'A Role of the Boundary Shear Layer in Modeling the Jet Emission'
6. *'The Unsolved Universe: Challenges for the Future'*, Porto (Portugal), 2 - 7.09.2002
5. *'High Energy Processes and Phenomena in Astrophysics'*, Suzhou (China), 5 - 10.08.2002  
**talk:** 'High Energy Radiation of Stratified Large Scale Jets'
4. *'New Vision of the X-ray Universe'*, Noordwijk (Holland), 26 - 30.11.2001
3. *'30th Meeting of Polish Astronomical Society'*, Cracow (Poland), 10 - 13.09.2001  
**member of the Local Organizing Committee**
2. *'Elizabeth and Frederick White Workshop on AGN Variability'*, Sydney (Australia), 25 - 29.06.2001  
**talk:** 'High Energy Radiation Generated at a Boundary Layer of Relativistic Jet'
1. *'18th Jerusalem Winter School in Theoretical Physics on Cosmic Explosions'*, Jerusalem (Israel), 27.12.2000 - 05.01.2001

## ACCEPTED OBSERVATIONAL PROGRAMS

84. *'The origin of X-ray emission of the gamma-ray loud, young radio galaxy NGC3894'*  
XMM-Newton, 2021 (PI: G. Migliori)
83. *'A Compton-Thick Quasar in the High-Redshift Universe'*  
XMM-Newton, 2021 (PI: B. Snios)
82. *'Swift-XRT Observation of DC314.8-5.1'*  
Swift's X-Ray Telescope, 2021 (PI: E. Kosmaczewski)
81. *'Extended X-ray Emission Around a Young AGN Jet'*  
Chandra X-ray Observatory, 2021 (PI: M. Sobolewska)
80. *'X-ray Study of a Young Radio Galaxy at  $z = 4.5$ '*  
Chandra X-ray Observatory, 2020 (PI: A. Siemiginowska)
79. *'Optical circular polarization variability study of the blazars CTA,102 and AO,0235+16'*  
European Organisation for Astronomical Research in the Southern Hemisphere, 2019 (PI: A. Goyal)
78. *'Young Radio Sources at High Redshift - part 2'*  
Chandra X-ray Observatory, 2019 (PI: A. Siemiginowska)
77. *'Exotic Quasars at the Highest Redshift'*  
XMM-Newton, 2019 (PI: B. Snios)
76. *'Monitoring of Mkn 421: Short-timescale Interband Variability and Jet Microphysics'*  
AstroSAT/WEBT/FACT, 2018 (PI: A. Markowitz)
75. *'Magnetic field and emission mechanism in relativistic jets on sub-pc and kpc scales'*  
Atacama Large Millimeter/submillimeter Array (ALMA), 2018 (PI: T. Hovatta)
74. *'Are X-ray Obscured Compact Radio Sources Confined by their Environment?'*  
XMM-Newton, 2017 (PI: M. Sobolewska)
73. *'Young Radio Sources at High Redshift'*  
Chandra X-ray Observatory, 2017 (PI: A. Siemiginowska)
72. *'Keeping Tabs on the Unique Jet in M87 During Cycle 19'*  
Chandra X-ray Observatory, 2017 (PI: C.C. Cheung)
71. *'Optical circular polarization variability study of BL Lac object S5 0716+714'*  
Subaru Telescope, 2017 (PI: R. Itoh)
70. *'Optical circular polarization variability study of blazar 3C 279'*  
European Organisation for Astronomical Research in the Southern Hemisphere, 2016 (PI: A. Goyal)
69. *'The Extended GeV Emission fo Cen A: The Extragalactic Background Light in Disguise?'*  
Fermi Guest Investigator Program, 2016 (PI: M. Georganopoulos)
68. *'The Physics of the Jets of Powerful Radio Galaxies and Quasars'*  
Hubble Space Telescope, 2014 (PI: E. Perlman)
67. *'Optical spectroscopy of J1943+213 blazar candidate'*  
Subaru Telescope, 2016 (PI: Y.T. Tanaka)
66. *'Detection of J1943+213 Optical Counterpart'*  
William Herschel Telescope, 2016 (PI: N. Żywucka)
65. *'Low-frequency Radio Observations of a Hybrid Blazar'*  
Giant Metrewave Radio Telescope, 2016 (PI: U. Pajdosz)
64. *'Pioneering Hard X-ray band Observations of Young Radio Sources with NuSTAR'*  
NuSTAR, 2016 (PI: A. Siemiginowska)
63. *'Search For Host Galaxies of Peculiar Radio Sources in Abell 585 and 2289'*  
William Herschel Telescope, 2016 (PI: A. Goyal)

62. *'Compton Thick Nature of Young Radio Sources'*  
XMM-Newton, 2015 (PI: A. Siemiginowska)
61. *'A Detailed View of an Extended X-ray Bright, Radio Faint Black Hole Jet at Redshift 2.5'*  
Chandra X-ray Observatory, 2015 (PI: A. Simionescu)
60. *'Low-frequency Radio Observations of A Peculiar Radio Structures in the Galaxy Cluster Abell 585'*  
Giant Metrewave Radio Telescope, 2014 (PI: M. Jamroz)
59. *'Low-frequency Radio Observations of a Hybrid Blazar'*  
Giant Metrewave Radio Telescope, 2014 (PI: U. Pajdosz)
58. *'EVN Observations of the Extreme Blazar Candidate HESS J1943+213'*  
European VLBI Network, 2014 (PI: K. Akiyama)
57. *'An X-ray View of Peculiar Radio Tails Lacking Optical Counterparts in Abell 585'*  
Chandra X-ray Observatory, 2014 (PI: A. Simionescu)
56. *'Intermittent Outbursts in CGCG 292-057: Jet Duty Cycle and Jet-ISM Interactions'*  
Chandra X-ray Observatory, 2014 (PI: C.C. Cheung)
55. *'Keeping Tabs on the Unique Jet in M87 During Cycle 16'*  
Chandra X-ray Observatory, 2014 (PI: D.E. Harris)
54. *'Triggering Chandra to Detect an X-ray Counterpart to TeV Flaring from M87 During Cycle 16'*  
Chandra X-ray Observatory, 2014 (PI: D.E. Harris)
53. *'The Physics of the Jets of Powerful Radio Galaxies and Quasars'*  
Hubble Space Telescope, 2014 (PI: E. Perlman)
52. *'Probing the Intra-night Optical Variability of Blazars Through Flux and Polarization Studies'*  
KANATA Telescope, 2014 (PI: A. Goyal)
51. *'Fermi-LAT FRI Radio Galaxies and Hard X-ray Selected BLRGs - 2013 Update'*  
H.E.S.S.-II Imaging Atmospheric Cherenkov Telescope, 2013 (PI: R. Moderski)
50. *'HESS-II Observations of the LAT-detected Circinus Galaxy'*  
H.E.S.S.-II Imaging Atmospheric Cherenkov Telescope, 2013 (PI: **L. Stawarz**)
49. *'Triggering Chandra to Detect an X-ray Counterpart to TeV Flaring from M87 During Cycle 15'*  
Chandra X-ray Observatory, 2013 (PI: D.E. Harris)
48. *'Keeping Tabs on the Unique Jet in M87 During Cycle 15'*  
Chandra X-ray Observatory, 2013 (PI: D.E. Harris)
47. *'Powerful Radio Galaxies in Rich Clusters'*  
Chandra X-ray Observatory, 2013 (PI: M.J. Hardcastle)
46. *'Deep Chandra Imaging of Two Youngest Radio Sources'*  
Chandra X-ray Observatory, 2013 (PI: A. Siemiginowska)
45. *'TeV Flaring from M87: Triggering Chandra to Detect an X-ray Counterpart'*  
Chandra X-ray Observatory, 2012 (PI: D.E. Harris)
44. *'Optimized Monitoring of the Nucleus and Jet of M87'*  
Chandra X-ray Observatory, 2012 (PI: D.E. Harris)
43. *'Studying Giant Filamentary Lobes of Centaurus A'*  
Chandra X-ray Observatory, 2012 (PI: Y. Tanaka)
42. *'Studying Giant Filamentary Lobes in the Centaurus A System with Suzaku'*  
Suzaku X-ray Satellite, 2012 (PI: **L. Stawarz**)
41. *'Suzaku Observations of Giant Radio Galaxy 3C 236'*  
Suzaku X-ray Satellite, 2012 (PI: N. Isobe)
40. *'Suzaku Observation of Galactic Gamma-ray Bubble'*  
Suzaku X-ray Satellite, 2012 (PI: J. Kataoka)

39. *'Fermi-LAT FRI Radio Galaxies at Very High Energies'*  
H.E.S.S. Imaging Atmospheric Cherenkov Telescope, 2012 (PI: R. Moderski)
38. *'Hard X-ray Selected Broad Line Radio Galaxies'*  
H.E.S.S. Imaging Atmospheric Cherenkov Telescope, 2012 (PI: R. Moderski)
37. *'Studying the M87 Quiescence State and Monitoring for VHE Flares with H.E.S.S. in 2012'*  
H.E.S.S. Imaging Atmospheric Cherenkov Telescope, 2012 (PI: M. Raue)
36. *'Variability and Particle Acceleration in the Jet of Pictor A'*  
Chandra X-ray Observatory, 2011 (PI: M.J. Hardcastle)
35. *'Resumption of Monitoring the M87 Jet'*  
Chandra X-ray Observatory, 2011 (PI: D.E. Harris)
34. *'Investigation of the  $N_H - N_{HI}$  Connection in Compact Radio Galaxies'*  
Westerbork Synthesis Radio Telescope (WSRT), 2011 (PI: L. Ostorero)
33. *'Low-frequency Radio Observations of a Newly Discovered TeV-emitting BL Lac Object'*  
Giant Metrewave Radio Telescope, 2011 (PI: M. Ostrowski)
32. *'Peculiar Unidentified TeV Source HESS J1943+213 in the Galactic Plane'*  
Suzaku X-ray Satellite, 2011 (PI: **L. Stawarz**)
31. *'Search for New Class of Gamma-Ray Emitters by X-ray Identification of Bright Infrared-Selected Fermi unID Sources'*  
Suzaku X-ray Satellite, 2011 (PI: M. Ohno)
30. *'Suzaku Imaging of the Lobes in Radio Galaxy Centaurus B'*  
Suzaku X-ray Satellite, 2011 (PI: Y.T. Tanaka)
29. *'Suzaku Observations of Seyfert Galaxies as  $\gamma$ -ray Source Candidates'*  
Suzaku X-ray Satellite, 2011 (PI: M. Hayashida)
28. *'Suzaku Observations of "Gamma-ray Lobe" in Radio Galaxy NGC 6251'*  
Suzaku X-ray Satellite, 2011 (PI: J. Kataoka)
27. *'Hard X-ray Emission and Reflection in Radio Galaxies: 3C 98'*  
Suzaku X-ray Satellite, 2011 (PI: P. Gandhi)
26. *'Hard X-ray Selected Broad Line Radio Galaxies: 3C 120 and 3C 445'*  
H.E.S.S. Imaging Atmospheric Cherenkov Telescope, 2010 (PI: **L. Stawarz**)
25. *'X-Ray Properties of the Youngest Radio Sources'*  
Chandra X-ray Observatory, 2010 (PI: A. Siemiginowska)
24. *'Where is the Site of TeV Flaring in M87?'*  
Chandra X-ray Observatory, 2010 (PI: D.E. Harris)
23. *'Gamma-Ray Emission from Young Radio Sources'*  
Fermi Guest Investigator Program, 2010 (PI: A. Siemiginowska)
22. *'Suzaku Observations of Diffuse Emission From Lobes of Radio Galaxy Cen A'*  
Suzaku X-ray Satellite, 2010 (PI: G. Madejski)
21. *'ATCA Follow-up of a Fermi  $\gamma$ -ray Source Associated with a Resolved Radio Source'*  
Australia Telescope Compact Array, 2010 (PI: G. Dubus)
20. *'Powerful Radio Sources in the Centers of Nearby Clusters'*  
Chandra X-ray Observatory, 2009 (PI: **L. Stawarz**)
19. *'The X-ray — TeV Connection in M87'*  
Chandra X-ray Observatory, 2009 (PI: D.E. Harris)
18. *'Chandra ToO Observations of Flaring Fermi Blazars'*  
Chandra X-ray Observatory, 2009 (PI: G. Madejski)
17. *'Variability and Particle Acceleration in the Jet of Pictor A'*  
Chandra X-ray Observatory, 2009 (PI: M.J. Hardcastle)

16. *'Deep Imaging of Jet-ISM Interactions in a Restarting Radio Galaxy 4C 29.30'*  
Chandra X-ray Observatory, 2009 (PI: A. Siemiginowska)
15. *'Submillimeter Spectra of Young Radio Sources'*  
Submillimeter Array (SMA), 2009 (PI: A. Siemiginowska)
14. *'SWIFT Monitoring Observations of Fermi GST  $\gamma$ -ray Blazars'*  
Swift Gamma-Ray Burst Mission, 2009 (PI: G. Madejski)
13. *'Investigation of the  $N_H - N_{HI}$  Connection in GPS Radio Galaxies'*  
Westerbork Synthesis Radio Telescope (WSRT), 2009 (PI: R. Morganti)
12. *'Using Chandra to Understand the TeV Emission from M 87'*  
Chandra X-ray Observatory, 2008 (PI: D.E. Harris)
11. *'VLBA Imaging of a Hard X-ray Selected Radio Galaxy Sample for GLAST Studies'*  
Very Long Baseline Array (VLBA), 2008 (PI: C.C. Cheung)
10. *'X-ray Environment of Radio Galaxy 4C 29.30'*  
XMM-Newton, 2008 (PI: A. Siemiginowska)
9. *'Testing the External-Radiation-Comptel Model for Blazars'*  
International Gamma-Ray Astrophysics Laboratory (INTEGRAL), 2007 (PI: R. Moderski)
8. *'Low-Frequency Observations of 3C 123'*  
Giant Metrewave Radio Telescope, 2007 (PI: M. Jamrozy)
7. *'X-ray Jets and Lobe-Cluster Interaction in 3C 353'*  
Chandra X-ray Observatory, 2006 (PI: J. Kataoka)
6. *'Chandra Imaging of the Highest Redshift Relativistic Jets'*  
Chandra X-ray Observatory, 2006 (PI: C.C. Cheung)
5. *'Fossil Radio Lobes Associated with Currently Active Radio Galaxy 4C 29.30'*  
Very Large Array Radio Observatory (VLA), 2005 (PI: M. Jamrozy)
4. *'Studying the Complexity of Centaurus A in Very High Energy  $\gamma$ -Rays'*  
H.E.S.S. Imaging Atmospheric Cherenkov Telescope, 2005-2008 (PI: F.A. Aharonian)
3. *'The Long X-ray Jet of Quasar 4C 19.44'*  
Chandra X-ray Observatory, 2005 (PI: D.E. Harris)
2. *'Physics of the Hotspots and Jets in the Powerful Radio Galaxy Cygnus A'*  
Spitzer Space Telescope, 2005 (PI: D.E. Harris)
1. *'Deep Imaging of the 300 kpc X-ray Jet in the  $z = 1.18$  Quasar PKS 1127-145'*  
Chandra X-ray Observatory, 2004 (PI: A. Siemiginowska)

# LIST OF PUBLICATIONS

*total refereed publications = 345; total citations = 25,481; H-index = 79  
(as of June 2022, according to the SAO/NASA Astrophysics Data System [ADS])*

## A. REGULAR REFEREED PUBLICATIONS

- A136. Sobolewska, M., Migliori, G., Ostorero, L., Siemiginowska, A., **Stawarz, L.**, Guainazzi, M., & Hardcastle, M.  
*'The Origin of High Energy Emission in the Young Radio Source PKS 1718-649'*  
2022, the Astrophysical Journal, submitted (arXiv:2111.02611)
- A135. Kosmaczewski, E., **Stawarz, L.**, Rocha, W.R.M., Shenoy, S.S., & Karska, A.  
*'Spectroscopic Diagnostics of the Mid-Infrared Features of the Dark Globule, DC 314.8-5.1, with the Spitzer Space Telescope'*  
2022, the Astrophysical Journal, in press (arXiv:2108.04724)
- A134. Zdziarski, A. A., **Stawarz, L.**, Sikora, M., & Nalewajko  
*'A simple analytical model of magnetic jets'*  
2022, Monthly Notices of the Royal Astronomical Society, in press (arXiv:2204.11637)
- A133. Markowitz, A. G., Nalewajko, K., Bhatta, G., Dewangan, G. C., et al.  
*'Rapid X-ray Variability in Mkn 421 during a Multiwavelength Campaign'*  
2022, Monthly Notices of the Royal Astronomical Society, 513, 1662
- A132. Król, D. L., **Stawarz, L.**, Begelman, M. C., Marti, J.-M., Perucho, M., & Petrenko, B. A.  
*'Magnetization of Relativistic Current-Carrying Jets with Radial Velocity Shear'*  
2022, the Astrophysical Journal, 929, 181
- A131. Goyal, A., Soida, M., **Stawarz, L.**, Wiita, P. J., Nilsson, K., et al.  
*'Multiwavelength variability power spectrum analysis of the blazars 3C 279 and PKS 1510-089 on multiple timescales'*  
2022, the Astrophysical Journal, 927, 214
- A130. Wójtowicz, A., **Stawarz, L.**, Machalski, J., & Ostorero, L.  
*'A Novel Method for Estimating the Ambient Medium Density Around Distant Radio Sources from Their Observed Radio Spectra'*  
2021, the Astrophysical Journal, 922, 197
- A129. Balasubramaniam, K., **Stawarz, L.**, Cheung, C. C., Sobolewska, M., Marchenko, Thimmappa, R., Król, D.L., Migliori, G. & Siemiginowska, A.  
*'X-ray Emission of the  $\gamma$ -ray Loud Young Radio Galaxy NGC 3894'*  
2021, the Astrophysical Journal, 922, 84
- A128. Thimmappa, R., **Stawarz, L.**, Pajdosz-Śmierciak, U., Balasubramaniam, K., & Marchenko, V.  
*'Complex Structure of the Eastern Lobe of the Pictor A Radio Galaxy: Spectral Analysis and X-ray/Radio Correlations'*  
2021, the Astrophysical Journal, 921, 44
- A127. Kosmaczewski, E., **Stawarz, L.**, Cheung, C. C., Koziel-Wierzbowska, D., Marchenko, V., Ostorero, L., Siemiginowska, A., Sobolewska, M., & Wójtowicz, A.  
*'Mid-infrared properties of a sample of the most compact radio galaxies'*  
2021, Astronomische Nachrichten, 342, 1102
- A126. Balasubramaniam, K., **Stawarz, L.**, Marchenko, V., Sobolewska, M., Cheung, C. C., Siemiginowska, A., Thimmappa, R., & Kosmaczewski, E.  
*'Chandra View of the LINER-type Nucleus in the Radio-Loud Galaxy CGCG 292-057: Ionized Iron Line and Jet-ISM Interactions'*  
2020, the Astrophysical Journal, 905, 148

- A125. Thimmappa, R., **Stawarz, L.**, Marchenko, V., Balasubramaniam, K., Cheung, C. C., & Siemiginowska, A.  
*‘Chandra Imaging of the Western Hotspot in the Radio Galaxy Pictor A: Image Deconvolution and Variability Analysis’*  
 2020, the Astrophysical Journal, 903, 109
- A124. Król, D.L., Marchenko, V., Ostrowski, M., & **Stawarz, L.**  
*‘An Analysis of Soft X-ray Structures at Kpc Distances from the Active Nucleus of Cen A Galaxy’*  
 2020, the Astrophysical Journal, 903, 107
- A123. Snios, B., Siemiginowska, A., Sobolewska, M., Cheung, C. C., Kashyap, V., Migliori, G., Schwartz, D.A., **Stawarz, L.**, & Worrall, D.M.  
*‘X-ray Properties of Young Radio Quasars at  $z > 4.5$ ’*  
 2020, the Astrophysical Journal, 899, 127
- A122. Kosmaczewski, E., **Stawarz, L.**, Siemiginowska, A., Cheung, C. C., Ostorero, L., Sobolewska, M., Koziel-Wierzbowska, D., Wójtowicz, A., & Marchenko, V.  
*‘Mid-Infrared Diagnostics of the Circumnuclear Environments of the Youngest Radio Galaxies’*  
 2020, the Astrophysical Journal, 897, 164
- A121. Wójtowicz, A., **Stawarz, L.**, Cheung, C. C., Ostorero, L., Kosmaczewski, E., & Siemiginowska, A.  
*‘On the Jet Production Efficiency in a Sample of the Youngest Radio Galaxies’*  
 2020, the Astrophysical Journal, 892, 116
- A120. Pasierb, M., Goyal, A., Ostrowski, M., **Stawarz, L.**, Wiita, P. J., et al.  
*‘Multiband optical flux density and polarization microvariability study of optically bright blazars’*  
 2020, Monthly Notices of the Royal Astronomical Society, 492, 1295
- A119. Żywucka, N., Tarnopolski, M., Böttcher, M., **Stawarz, L.**, Marchenko, & V.  
*‘Optical Variability Modeling of Newly Identified Blazar Candidates behind Magellanic Clouds’*  
 2020, the Astrophysical Journal, 888, 107
- A118. Sobolewska, M., Siemiginowska, A., Guainazzi, M., Hardcastle, M., Migliori, G., Ostorero, L., & **Stawarz, L.**  
*‘First Hard X-Ray Observation of a Compact Symmetric Object: A Broadband X-Ray Study of a Radio Galaxy OQ+208 with NuSTAR and Chandra’*  
 2019, the Astrophysical Journal, 884, 166
- A117. Zdziarski, A.A., **Stawarz, L.**, & Sikora, M.  
*‘The effect of adiabatic losses on spectra of stationary jets and the origin of soft radio spectra of accreting black-hole sources’*  
 2019, Monthly Notices of the Royal Astronomical Society, 485, 1210
- A116. Gupta, A.C., Gaur, H., Wiita, P.J., Pandey, A., Kushwaha, P., Hu, S.M., Kurtanidze, O.M., et al.  
*‘Characterizing Optical Variability of OJ 287 in 2016–2017’*  
 2019, the Astronomical Journal, 157, 95
- A115. Sobolewska, M., Siemiginowska, A., Guainazzi, M., Hardcastle, M., Migliori, G., Ostorero, L., & **Stawarz, L.**  
*‘The Impact of the Environment on the Early Stages of Radio Source Evolution’*  
 2019, the Astrophysical Journal, 871, 71
- A114. Pajdosz-Śmierciak, U., Jamrozy, M., Soida, M., & **Stawarz, L.**  
*‘Megaparsec-Scale radio Structure Associated with a Hybrid Blazar SBS B1646+499: Episodic jet Activity with Precessing Axis’*  
 2018, the Astrophysical Journal, 868, 64
- A113. Żywucka, N., Goyal, A., Jamrozy, M., **Stawarz, L.**, Ostrowski, M., Kozłowski, S., & Udalski, A.  
*‘Identification of Blazars Candidates Behind Small and Large Magellanic Clouds’*  
 2018, the Astrophysical Journal, 867, 131
- A112. Bhatta, G., **Stawarz, L.**, Markowitz, A., Balasubramaniam, K., Zola, S., Zdziarski, A.A., Jamrozy, M., Ostrowski, M., Kuzmicz, A., Ogłóża, W., Dróżdź, M., Siwak, M., Koziel-Wierzbowska, D.,



- Debski, B., Kundera, T., Stachowski, G., Machalski, J., Paliya, V.S., & Caton, D.B.  
*'Signatures of the Disk-Jet Coupling in the Broad-line Radio Quasar 4C+74.26'*  
 2018, the Astrophysical Journal, 866, 132
- A111. Goyal, A., **Stawarz, L.**, Zola, S., Marchenko, V., Soida, M., Nilsson, K., Ciprini, S., et al.  
*'Stochastic modeling of multiwavelength variability of the classical BL Lac object OJ 287 on timescales ranging from decades to hours'*  
 2018, the Astrophysical Journal, 863, 175
- A110. Żywucka, N., Goyal, A., Jamrozy, M., **Stawarz, L.**, Ostrowski, M., Kozłowski, S., & Udalski, A.  
*'Identification of the OGLE Blazars behind the Large and Small Magellanic Clouds'*  
 2017, Galaxies, 5, 88
- A109. Ostorero, L., Morganti, R., Diaferio, A., Siemiginowska, A., **Stawarz, L.**, Moderski, R., & Labiano, A.  
*'Correlation Between X-ray and Radio Absorption in Compact Radio Galaxies'*  
 2017, the Astrophysical Journal, 849, 34
- A108. Harris, D., Lee, N.P., Schwartz, D.A., Siemiginowska, A., Massaro, F., Birkinshaw, M., Worrall, D.M., Cheung, C.C., Gelbord, J.M., Jorstad, S.G., Marscher, A.P., Landt, H., Marshall, H., Perlman, E.S., **Stawarz, L.**, Uchiyama, Y., & Urry, C.M.  
*'A Multi-band Study of the Remarkable Jet in Quasar 4C+19.44'*  
 2017, the Astrophysical Journal, 846, 119
- A107. Marchenko, V., Harris, D.E., Ostrowski, M., **Stawarz, L.**, Bohdan, A., Jamrozy, M., & Hnatyk, B.  
*'Novel Analysis of the Multiwavelength Structure of Relativistic Jet in Quasar 3C 273'*  
 2017, the Astrophysical Journal, 844, 11
- A106. Masters, A., Sulaiman, A.H., **Stawarz, L.**, Reville, B., Sergis, N., Fujimoto, M., Burgess, D., Coates, A.J., & Dougherty, M. K.  
*'An In Situ Comparison of Electron Acceleration at Collisionless Shocks Under Differing Upstream Magnetic Field Orientations'*  
 2017, the Astrophysical Journal, 843, 147
- A105. Tombesi, F., Mushotzky, R.F., Reynolds, C.S., Kallman, T., Reeves, J.N., Braitto, V., Ueda, Y., Leutenegger, M.A., Williams, B.J., **Stawarz, L.**, & Cappi, M.  
*'Feeding and Feedback in the Powerful Radio Galaxy 3C 120'*  
 2017, the Astrophysical Journal, 838, 16
- A104. Goyal, A., **Stawarz, L.**, Ostrowski, M., Larionov, V., Gopal-Krishna, Wiita, P.J., Joshi, S., Soida, M., & Agudo, I.  
*'Multi-wavelength variability study of the classical BL Lac object PKS 0735+178 on timescales ranging from decades to minutes'*  
 2017, the Astrophysical Journal, 837, 127
- A103. McKeough, K., Siemiginowska, A., Cheung, C.C., **Stawarz, L.**, Kashyap, V.L., Stein, N., Stampoulis, V., van Dyk, D.A., Wardle, J. F. C., Lee, N. P., Harris, D.E., Schwartz, D.A., Donato, D., Maraschi, L., & Tavecchio, F.  
*'Detecting Relativistic X-ray Jets in High-redshift Quasars'*  
 2016, the Astrophysical Journal, 833, 123
- A102. Bhatta, G., Zola, S., **Stawarz, L.**, Ostrowski, M., Winiarski, M., Ogłóza, W., Drózdź, M., Siwak, M., Liakos, A., Kozieł-Wierzbowska, D., Gazeas, K., Debski, B., Kundera, T., Stachowski, G., & Paliya, V.S.  
*'Detection of Possible Quasi-periodic Oscillations in the Long-term Optical Light Curve of the BL Lac Object OJ 287'*  
 2016, the Astrophysical Journal, 832, 47
- A101. Bhatta, G., **Stawarz, L.**, Ostrowski, M., Markowitz, A., Akitaya, H., et al.  
*'Multifrequency Photo-polarimetric WEBT Observation Campaign on the Blazar S5 0716+714: Source Microvariability and Search for Characteristic Timescales'*  
 2016, the Astrophysical Journal, 831, 92

- A100. Goyal, A., **Stawarz, L.**, Ostrowski, M., & Larionov, V.  
*'Radio-to- $\gamma$ -ray, broadband variability study of the classical BL Lac object PKS+0735+178'*  
 2016, *Galaxies*, 4, 42
- A99. Machalski, J., Jamrozy, M., **Stawarz, L.**, & Weżgowiec, M.  
*'Dynamical analysis of the complex radio structure in 3C 293: Clues on a rapid jet realignment in X-shaped radio galaxies'*  
 2016, *Astronomy & Astrophysics*, 595, 46
- A98. Kataoka, J., & **Stawarz, L.**  
*'Inverse Compton X-ray Emission from TeV blazar Mrk 421 During a Historical Low-Flux State Observed with NuSTAR'*  
 2016, *the Astrophysical Journal*, 827, 55
- A97. Cheung, C.C., Jean, P., Shore, S.N., Corbet, R.H.D., Knödlseeder, J., Starrfield, S., **Stawarz, L.**, Wood, D.L., Desiante, R., Longo, F., Pivato, G., & Wood, K.S.  
*'Fermi LAT Gamma-ray Detections of Classical Novae V1369 Cen 2013 and V5668 Sag 2015'*  
 2016, *the Astrophysical Journal*, 826, 142
- A96. Masters, A., Sulaiman, A.H., Fujimoto, M., **Stawarz, L.**, Sergis, N., Coates, A.J., & Dougherty, M.  
*'Superthermal Electrons at Saturn's Bow Shock'*  
 2016, *the Astrophysical Journal*, 826, 48
- A95. Akiyama, K., **Stawarz, L.**, Tanaka, Y.T., Nagai, H., Giroletti, M., & Honma, M.  
*'EVN Observations of HESS J1943+213: Evidence for an Extreme TeV BL Lac Object'*  
 2016, *the Astrophysical Journal Letters*, 823, L26
- A94. Siemiginowska, A., Sobolewska, M., Migliori, G., Guainazzi, M., Hardcastle, M., Ostorero, L., & **Stawarz, L.**  
*'High Energy Radiation of the Youngest Radio Sources and Their Environments'*  
 2016, *the Astrophysical Journal*, 823, 57
- A93. Migliori, G., Siemiginowska, A., Sobolewska, M., Loh, A., Corbel, S., Ostorero, L., & **Stawarz, L.**  
*'First Detection in Gamma-rays of a Young Radio Galaxy: Fermi-LAT Observations of the Compact Symmetric Object PKS 1718-649'*  
 2016, *the Astrophysical Journal Letters*, 821, L31
- A92. Hardcastle, M.J., Lenc, E., Birkinshaw, M., Croston, J.H., Goodger, J.L., Marshall, H.L., Siemiginowska, A., **Stawarz, L.**, & Worrall, D.M.  
*'Deep Chandra Observations of Pictor A'*  
 2016, *Monthly Notices of the Royal Astronomical Society*, 455, 3526
- A91. Ostorero, L., Morganti, R., Diaferio, A., Siemiginowska, A., **Stawarz, L.**, Moderski, R., & Labiano, A.  
*' $N_{\text{H}} - N_{\text{HI}}$  Correlation in Gigahertz-peaked-spectrum Galaxies'*  
 2016, *Astronomische Nachrichten*, 337, 148
- A90. Simionescu, A., **Stawarz, L.**, Ichinohe, Y., Cheung, C.C., Jamrozy, M., Siemiginowska, A., Hagino, K., Gandhi, P., & Werner, N.  
*'Serendipitous Discovery of an Extended X-ray Jet Without a Radio Counterpart in High- $z$  Quasar'*  
 2016, *the Astrophysical Journal Letters*, 816, L15
- A89. Bhatta, G., Goyal, A., Ostrowski, M., **Stawarz, L.**, Arkharov, A.A., Akitaya, H., Bachev, R., Benitez, E., Borman, G.A., Carosati, D., Cason, A., Damjanovic, G., Dhalla, S., Frasca, A., et al.  
*'Discovery of a Highly Polarized Optical Microflare in the Blazar S5 0716+714 During the 2014 WEBT Campaign'*  
 2015, *the Astrophysical Journal Letters*, 809, L27
- A88. Saito, S., **Stawarz, L.**, Tanaka, Y.T., Takahashi, T., Sikora, M., & Moderski, R.  
*'Time-dependent Modeling of  $\gamma$ -ray Flares in Blazar PKS 1510-089'*  
 2015, *the Astrophysical Journal*, 809, 171
- A87. Hagino, K., **Stawarz, L.**, Siemiginowska, A., Cheung, C.C., Koziel-Wierzbowska, D., Szostek, A., Madejski, G., Harris, D.E., Simionescu, A., & Takahashi, T.

- 'On the Merger Cluster Abell 578 and Its Central Radio Galaxy 4C+67.13'*  
2015, the Astrophysical Journal, 805, 101
- A86. Agudo, I., Böttcher, M., Falcke, H., Georganopoulos, M., Ghisellini, G., Giovannini, G., Giroletti, M., Gomez, J.-L., Gurvits, L., Laing, R., Lister, M., Marti, J.-M., Meyer, E.T., Mizuno, Y., O'Sullivan, S., Padovani, P., Paragi, Z., Perucho, M., Schleicher, D., **Stawarz, L.**, Vlahakis, N., & Wardle, J.  
*'Studies of Relativistic Jets in Active Galactic Nuclei with SKA'*  
2015, Proceedings of Advancing Astrophysics with the Square Kilometre Array (AASKA14), id.93
- A85. Tanaka, Y.T., Doi, A., Inoue, Y., Cheung, C.C., **Stawarz, L.**, Fukazawa, Y., Gurwell, M.A., Tahara, M., Kataoka, J., & Itoh, R.  
*'Six-years of Fermi-LAT and Multi-wavelength Monitoring of the Broad Line Radio Galaxy 3C 120: Jet Dissipation at Sub-parsec scales from the Central Engine'*  
2015, the Astrophysical Journal Letters, 2015, 799, L18
- A84. Müller, C., Krauss, F., Dauser, T., Kreikenbohm, A., Beuchert, T., Kadler, M., Ojha, R., Wilms, J., Böck, M., Carpenter, B., Dutka, M., Markowitz, A., McConville, W., Pottschmidt, K., **Stawarz, L.**, & Taylor, G.B.  
*'A Redshifted Fe K $\alpha$  Line from the Unusual  $\gamma$ -ray Source PMN J1603-4904'*  
2015, Astronomy & Astrophysics, 574, 117
- A83. Fukazawa, Y., Finke, J., **Stawarz, L.**, Tanaka, Y.T., Itoh, R., & Tokuda, S.  
*'Suzaku Observations of  $\gamma$ -Ray Bright Radio Galaxies: Origin of the X-ray Emission and Broad-Band Modeling'*  
2015, the Astrophysical Journal, ApJ, 798, 74
- A82. Wiercholska, A., Ostrowski, M., **Stawarz, L.**, & Wagner, S.  
*'Longterm Optical Monitoring of Bright BL Lacertae Objects with ATOM: Spectral Variability and Multiwavelength Correlations'*  
2015, Astronomy & Astrophysics, A&A, 573, 69
- A81. **Stawarz, L.**, Szostek, A., Cheung, C.C., Siemiginowska, A., Koziel-Wierzbowska, D., Werner, N., Simionescu, A., Madejski, G., Begelman, M.C., Harris, D.E., Ostrowski, M., & Hagino, K.  
*'On the Interaction of the PKS B1358-113 Radio Galaxy with the Abell 1836 Cluster'*  
2014, the Astrophysical Journal, 794, 164
- A80. Tanaka, M., Morokuma, T., Itoh, R., Akitaya, H., Tominaga, N., Saito, Y., **Stawarz, L.**, et al.  
*'Discovery of Dramatic Optical Variability in SDSS J1100+442: A Peculiar Radio-Loud Narrow-Line Seyfert 1 Galaxy?'*  
2014, the Astrophysical Journal Letters, 2014, 793, 26
- A79. Zdziarski, A.A., Pjanka, P., Sikora, M., & **Stawarz, L.**,  
*'Jet Contributions to the Broad-Band Spectrum of Cyg X-1 in the Hard State'*  
2014, Monthly Notices of the Royal Astronomical Society, 442, 3243
- A78. Jamrozy, M., **Stawarz, L.**, Marchenko, V., Kuzmicz, A., Ostrowski, M., Cheung, C.C., Sikora, M.  
*'Peculiar Radio Structures in the Central Regions of Galaxy Cluster Abell 585'*  
2014, Monthly Notices of the Royal Astronomical Society, 441, 1260
- A77. Tanaka, Y.T., **Stawarz, L.**, Finke, J., Cheung, C.C., Dermer, C.D., Kataoka, J., Bamba, A., Dubus, G., De Naurois, M., Wagner, S.J., Fukazawa, Y., & Thompson, D.J.  
*'Extreme TeV Blazar Candidate J1943+213 Studied at High Energies with Suzaku and Fermi-LAT'*  
2014, the Astrophysical Journal, 787, 155
- A76. Zdziarski, A.A., **Stawarz, L.**, Pjanka, P., & Sikora, M.  
*'Jet Models for Black-Hole Binaries in the Hard Spectral State'*  
2014, Monthly Notices of the Royal Astronomical Society, 440, 2238
- A75. Żywucka, N., Goyal, A., Jamrozy, M., Ostrowski, M., & **Stawarz, L.**,  
*'Low-frequency High-resolution Radio Observations of TeV-emitting Blazar SHBLJ001355.9-185406'*  
2014, Astronomy & Astrophysics, 2014, A&A, 563, 135

- A74. Migliori, G., Siemiginowska, A., Kelly, B.C., **Stawarz, L.**, Celotti, A., & Begelman, M.C.  
*'Jet Emission in Young Radio Sources: A Fermi-LAT Gamma-ray View'*  
 2014, the Astrophysical Journal, 780, 165
- A73. Masters, A., **Stawarz, L.**, Fujimoto, M., Schwartz, S.J., Sergis, N., Thomsen, M.F., Retino, A., Hasegawa, H., Zieger, B., Lewis, G.R., Coates, A.J., Canu, P. & Dougherty, M.K.  
*'In Situ Observations of High-Mach Number Collisionless Shocks in Space Plasmas'*  
 2013, Plasma Physics and Controlled Fusion, 55, 124035
- A72. Hayashida, M., **Stawarz, L.**, Cheung, C.C., Bechtol, K., Madejski, G.M., Ajello, M., Massaro, F., Moskalenko, I.V., Strong, A., & Tibaldo, L.  
*'Discovery of GeV Emission from the Circinus Galaxy with the Fermi-LAT'*  
 2013, the Astrophysical Journal, 779, 131
- A71. Kataoka, J., Tahara, M., Totani, T., Sofue, Y., **Stawarz, L.**, Takahashi, Y., Takeuchi, Y., Tsunemi, H., Kimura, M., Takei, Y., Cheung, C.C., Inoue, Y., & Nakamori, T.  
*'Suzaku Observations of the Diffuse X-ray Emission across the Fermi Bubbles Edges'*  
 2013, the Astrophysical Journal, 779, 57
- A70. Tanaka, Y.T., Cheung, C.C., Inoue, Y., **Stawarz, L.**, Ajello, M., Dermer, C.D., Wood, D.L., Chekhtman, S., Fukazawa, Y., Mizuno, T., Ohno, M., Paneque, D., & Thompson, D.J.  
*'Fermi Large Area Telescope Detection of Two Very-High-Energy ( $E > 100$  GeV)  $\gamma$ -ray Photons from the  $z = 1.1$  Blazar PKS 0426-380'*  
 2013, the Astrophysical Journal Letters, 777, L18
- A69. Cara, M., Perlman, E.S., Uchiyama, Y., Cheung, C.C., Coppi, P.S., Georganopoulos, M., Worrall, D.M., Birkinshaw, M., Sparks, W.B., Marshall, H.L.; **Stawarz, L.**, Begelman, M.C., O'Dea, C.P., & Baum, S.A.  
*'Polarimetry and High-Energy Emission Mechanisms in Quasar Jets. The Case of PKS 1136-135'*  
 2013, the Astrophysical Journal, 773, 186
- A68. Masters, A., **Stawarz, L.**, Fujimoto, M., Schwartz, S.J., Sergis, N., Thomsen, M.F., Retino, A., Hasegawa, H., Lewis, G.R., Coates, A.J., Canu, P. & Dougherty, M.K.  
*'Electron Acceleration to Relativistic Energies at a Strong Quasi-parallel Shock Wave'*  
 2013, Nature Physics, 9, 164
- A67. Saito, S., **Stawarz, L.**, Tanaka, Y.T., Takahashi, T., Madejski, G., & D'Ammando, F.  
*'Very Rapid High-Amplitude Gamma-ray Variability in Luminous Blazar PKS 1510-089 Studied with Fermi-LAT'*  
 2013, the Astrophysical Journal Letters, 766, L11
- A66. **Stawarz, L.**, Tanaka, Y.T., Madejski, G., O'Sullivan, S.P., Cheung, C.C., Feain, I.J., Fukazawa, Y., Gandhi, P., Hardcastle, M.J., Kataoka, J., Ostrowski, M., Reville, B., Siemiginowska, A., Simionescu, A., Takahashi, T., Takei, Y., Takeuchi, Y., & Werner, N.  
*'Giant Lobes of Centaurus A Radio Galaxy Observed with the Suzaku X-ray Satellite'*  
 2013, the Astrophysical Journal, 766, 48
- A65. Takahashi, T., Uchiyama, Y., & **Stawarz, L.**,  
*'Multiwavelength Astronomy and CTA: X-rays'*  
 2013, Astroparticle Physics, 43, 142
- A64. O'Sullivan, S.P., Feain, I.J., McClure-Griffiths, N.M., Ekers, R.D., Carretti, E., Robishaw, T., Mao, S.A., Gaensler, B.M., Bland-Hawthorn, J., & **Stawarz, L.**,  
*'Thermal Plasma in the Giant Lobes of the Radio Galaxy Centaurus A'*  
 2013, the Astrophysical Journal, 764, 162
- A63. Singal, J., Petrosian, V., **Stawarz, L.**, & Lawrence, A.  
*'On the Radio and Optical Luminosity Evolution of Quasars II - The SDSS Sample'*  
 2013, the Astrophysical Journal, 764, 43
- A62. Katsuta, J., Tanaka, Y.T., **Stawarz, L.**, O'Sullivan, S.P., Cheung, C.C., Kataoka, J., Funk, S., Yuasa, T., Odaka, H., Takahashi, T., & Svoboda, J.

- 'Fermi-LAT and Suzaku Observations of the Radio Galaxy Centaurus B'*  
2013, *Astronomy & Astrophysics*, 550, 66
- A61. Matsuta, K., Gandhi, P., Dotani, T., Nakagawa, T., Isobe, N., Ueda, Y., Ichikawa, K., Terashima, Y., Oyabu, S., Yamamura, I. & **Stawarz, L.**,  
*'IR and X-Ray Diagnostics of AGN Identification from the Akari and Swift/BAT All-Sky Surveys'*  
2012, *Publications of The Korean Astronomical Society*, 27, 285
- A60. D'Ammando, F., Orienti, M., Finke, J., Raiteri, C.M., Angelakis, E., Fuhrmann, L., Giroletti, M., Hovatta, T., Max-Moerbeck, W., Perkins, J.S., Readhead, A.C.S., Richards, J.L., **Stawarz, L.**, & Donato, D.  
*'SBS 0846+513: A New  $\gamma$ -ray Emitting Narrow-Line Seyfert 1 Galaxy'*  
2012, *Monthly Notices of the Royal Astronomical Society*, 426, 317
- A59. Sobolewska, M., Siemiginowska, A., Migliori, G., **Stawarz, L.**, Jamrozy, M., Evans, D., & Cheung, C.C.  
*'Nuclear X-ray Properties of the Peculiar Radio-Loud AGN 4C+29.30'*  
2012, *the Astrophysical Journal*, 758, 90
- A58. Cheung, C.C., **Stawarz, L.**, Siemiginowska, A., Gobeille, D., Wardle, J.F.C., Harris D.E., & Schwartz, D.A.  
*'Discovery of a Kiloparsec Scale X-ray/Radio Jet in the  $z = 4.72$  Quasar GB 1428+4217'*  
2012, *the Astrophysical Journal Letters*, 756, L20
- A57. Hayashida, M., Madejski, G.M., Nalewajko, K., Sikora, M., Wehrle, A.E., et al.  
*'The structure and emission model of the relativistic jet in the quasar 3C 279 inferred from radio-to- $\gamma$ -ray observations in 2008-2010'*  
2012, *the Astrophysical Journal*, 754, 114
- A56. Matsuta, K., Gandhi, P., Dotani, T., Nakagawa, T., Isobe, N., Ueda, Y., Ichikawa, K., Terashima, Y., Oyabu, S., Yamamura, I. & **Stawarz, L.**,  
*'Infrared and Hard X-ray Diagnostics of AGN Identification From the Swift/BAT and AKARI All-Sky Surveys'*  
2012, *the Astrophysical Journal*, 753, 104
- A55. Siemiginowska, A., **Stawarz, L.**, Cheung, C.C., Aldcroft, T.L., Bechtold, J., Burke, D.J., Evans, D., Holt, J., Jamrozy, M., & Migliori, G.  
*'Deep Chandra X-ray Imaging of a Nearby Radio Galaxy 4C+29.30: X-ray/Radio Connection'*  
2012, *the Astrophysical Journal*, 750, 124
- A54. Takeuchi, Y., Kataoka, J., **Stawarz, L.**, Takahashi, Y., Maeda, K., Nakamori, T., Cheung, C.C., Celotti, A., Tanaka, Y., & Takahashi, T.  
*'Suzaku X-ray Imaging of the Extended Lobe in the Giant Radio Galaxy NGC 6251 Associated with the Fermi-LAT Source 2FGL J1629.4+8236'*  
2012, *the Astrophysical Journal*, 749, 66
- A53. Takahashi, Y., Kataoka, J., Nakamori, T., Maeda, K., Makiya, R., Totani, T., Cheung, C.C., **Stawarz, L.**, Guillemot, L., Freire, P.C.C., & Cognard, I.  
*'Suzaku X-ray Follow-up Observations of Seven Unassociated Fermi-LAT Gamma-ray Sources at High Galactic Latitudes'*  
2012, *the Astrophysical Journal*, 747, 64
- A52. Harris, D.E., Massaro, F., Cheung, C.C., Horns, D., Raue, M., **Stawarz, L.**, Wagner, S., Colin, P., Mazin, D., Wagner, R., Beilicke, M., LeBohec, S., Hui, M., & Mukherjee, R.  
*'An Experiment to Locate the Site of TeV Flaring in M87'*  
2011, *the Astrophysical Journal*, 743, 177
- A51. Perlman, E.S., Adams, S.C., Cara, M., Bourque, M., Harris, D.E., Madrid, J.P., Simons, R.C., Clausen-Brown, E., Cheung, C.C., **Stawarz, L.**, Georganopoulos, M., Sparks, W.B., Biretta, J.A.  
*'Optical Polarization and Spectral Variability in the M87 Jet'*  
2011, *the Astrophysical Journal*, 743, 119

- A50. Singal, J., Petrosian, V., Lawrence, A., & **Stawarz, L.**,  
*‘On the Radio and Optical Luminosity Evolution of Quasars’*  
 2011, the Astrophysical Journal, 743, 104
- A49. Maslyuh, V.O., Hnatyk, B.I., Ostrowski, M., & **Stawarz, L.**,  
*‘Searching of non-thermal X-ray emission from nearest galaxy clusters with large-scale outburst of active galactic nucleus’*  
 2011, Astronomical School’s Report, 2011, Vol. 7, Iss. 1, P. 74-77
- A48. Machalski, J., Jamroz, M., **Stawarz, L.**, & Koziel-Wierzbowska, D.  
*‘Understanding Giant Radio Galaxy J1420–0545: Large-Scale Morphology, Environment, and Energetics’*  
 2011, the Astrophysical Journal, 740, 58
- A47. Kataoka, J., **Stawarz, L.**, Takahashi, Y., Cheung, C.C., Hayashida, M., Grandi, P., Burnett, T.H., Celotti, A., Fegan, S.J., Fortin, P., Maeda, K., Nakamori, T., Taylor, G.B., Tosti, G., Digel, S.W., McConville, W., & D’Ammando, F.  
*‘Broad Line Radio Galaxies Observed with Fermi–LAT: A Potential Class of  $\gamma$ -ray Loud AGN’*  
 2011, the Astrophysical Journal, 740, 29
- A46. McConville, W., Ostorero, L., Moderski, R., **Stawarz, L.**, Cheung, C.C., Ajello, M., Bouvier, A., Bregeon, J., Donato, D., Finke, J., Furniss, A., McEnery, J.E., Monzani, M.E., Orienti, M., Reyes, L.C., Rossetti, A., & Williams, D.A.  
*‘Fermi Large Area Telescope Observations of the Active Galaxy 4C+55.17: Steady Gamma-Ray Emission and Broadband Properties’*  
 2011, the Astrophysical Journal, 738, 148
- A45. Hill, A.B., Szostek, A., Corbel, S., Camilo, F., Corbet, R.H.D., Dubois, R., Dubus, G., Edwards, P.G., Ferrara, E.C., Kerr, M., Koerding, E., Koziel, D., & **Stawarz, L.**,  
*‘The Bright Unidentified  $\gamma$ -ray Source 1FGL J1227.9-4852: Can It Be Associated with an LMXB?’*  
 2011, Monthly Notices of the Royal Astronomical Society, 415, 235
- A44. Tanaka, Y.T., **Stawarz, L.**, Thompson, D.J., D’Ammando, F., Fegan, S. J., Lott, B., Wood, D.L., Cheung, C.C., Finke, J., Buson, S., Escande, L., Saito, S., Ohno, M., Takahashi, T., Donato, D., Chiang, J., Giroletti, M., Schinzel, F.K., Iafate, G., Longo, F., & Ciprini, S.  
*‘Fermi Large Area Telescope Detection of Bright  $\gamma$ -ray Outbursts from a Peculiar Quasar 4C+21.35’*  
 2011, the Astrophysical Journal, 733, 19
- A43. Maeda, K., Kataoka, J., Nakamori, T., **Stawarz, L.**, Makiya, R., Totani, T., Cheung, C.C., Donato, D., Gehrels, N., Saz Parkinson, P., Kanai, Y., Kawai, N., Tanaka, Y., Sato, R., Takahashi, T., & Takahashi, Y.  
*‘Unraveling the Nature of Unidentified High Galactic Latitude LAT  $\gamma$ -ray Sources with Suzaku’*  
 2011, the Astrophysical Journal, 729, 103
- A42. Singal, J., **Stawarz, L.**, Lawrence, A., & Petrosian, V.  
*‘Sources of the Radio Background Considered’*  
 2010, Monthly Notices of the Royal Astronomical Society, 409, 1172
- A41. Ushio, M., **Stawarz, L.**, Takahashi, T., Paneque, D., Madejski, G., Hayashida M., Kataoka, J., Tanaka, Y., Tanaka, T., & Ostrowski, M.  
*‘A Novel Approach in Constraining Electron Spectra in Blazar Jets: The Case of Markarian 421’*  
 2010, the Astrophysical Journal, 724, 1509
- A40. Ostorero, L., Moderski, R., **Stawarz, L.**, Diaferio, A., Kowalska, I., Cheung, C.C., Kataoka, J., Begelman, M.C., & Wagner, S.J.  
*‘X-ray Emitting GHz-Peaked Spectrum Galaxies: Testing a Dynamical-Radiative Model with Broad-Band Spectra’*  
 2010, the Astrophysical Journal, 715, 1071
- A39. Kataoka, J., **Stawarz, L.**, Cheung, C.C., Tosti, G., Cavazzuti, E., Celotti, A., Nishino, S., Fukazawa, Y., Thompson, D.J., & McConville, W.F.

- ' $\gamma$ -ray Spectral Evolution of NGC 1275 Observed with Fermi LAT'*  
2010, the Astrophysical Journal, 715, 554
- A38. Marshall, H.L., Hardcastle, M.J., Birkinshaw, M., Croston, J., Evans, D., Landt, H., Lenc, E., Massaro, F., Perlman, E.S., Schwartz, D.A., Siemiginowska, A., **Stawarz, L.**, Urry, C.M., & Worrall, D.M.  
*'A Flare in the Jet of Pictor A'*  
2010, the Astrophysical Journal Letters, 714, L213
- A37. **Stawarz, L.**, Petrosian, V., & Blandford, R.D.  
*'On the Energy Spectra of GeV/TeV Cosmic-Ray Leptons'*  
2010, the Astrophysical Journal, 710, 236
- A36. Singal, J., **Stawarz, L.**, Petrosian, V., & Lawrence, A.  
*'The Cosmic Radio Background and Jet Connection'*,  
2010, International Journal of Modern Physics D, 19, 965
- A35. Schwartz, D.A., et al.  
*'Modeling X-Ray Emission of a Straight Jet: PKS 0920-397'*,  
2010, International Journal of Modern Physics D, 19, 879
- A34. Sikora, M., **Stawarz, L.**, Moderski, R., Nalewajko, K., & Madejski, G.  
*'Constraining Emission Models of Luminous Blazar Sources'*,  
2009, the Astrophysical Journal, 704, 38
- A33. Harris, D.E., Cheung, C.C., **Stawarz, L.**, & Perlman, E.S.  
*'Variability Timescales in the M 87 Jet: Signatures of  $E^2$  Losses, Discovery of a Quasi-period in HST-1, & the Site of TeV Flaring'*,  
2009, the Astrophysical Journal, 699, 305
- A32. Czerny, B., Siemiginowska, A., Janiuk, A., Nikiel-Wroczyński, B., & **Stawarz, L.**,  
*'Accretion Disk Model of Short-Timescale Intermittent Activity in Young Radio Sources'*,  
2009, the Astrophysical Journal, 698, 840
- A31. Hardcastle, M.J., Cheung, C.C., Feain, I.J., & **Stawarz, L.**,  
*'High-energy Particle Acceleration and Production of Ultra-high-energy Cosmic Rays in the Giant Lobes of Centaurus A'*,  
2009, Monthly Notices of the Royal Astronomical Society, 393, 1041
- A30. Moskalenko, I.V., **Stawarz, L.**, Porter, T.A., & Cheung, C.C.  
*'On the Possible Association of Ultra High Energy Cosmic Rays with Nearby Active Galaxies'*,  
2009, the Astrophysical Journal, 693, 1261
- A29. Ostorero, L., Moderski, R., **Stawarz, L.**, Begelman, M.C., Diaferio, A., Kowalska, I., Kataoka, J., & Wagner, S.J.  
*'Modelling the Broad-band Spectra of X-ray Emitting GPS Galaxies'*,  
2009, Astronomische Nachrichten, 330, 275
- A28. Kataoka, J., **Stawarz, L.**, Harris, D.E., Siemiginowska, A., Ostrowski, M., Swain, M.R., Hardcastle, M.J., Goodger, J.L., Iwasawa, K., & Edwards, P.G.  
*'Chandra Reveals Twin X-ray Jets in the Powerful FR II Radio Galaxy 3C 353'*,  
2008, the Astrophysical Journal, 685, 839
- A27. **Stawarz, L.**, & Petrosian, V.  
*'On the Momentum Diffusion of Radiating Ultrarelativistic Electrons in a Turbulent Magnetic Field'*,  
2008, the Astrophysical Journal, 681, 1725
- A26. **Stawarz, L.**, Ostorero, L., Begelman, M.C., Moderski, R., Kataoka, J., & Wagner, S.  
*'Evolution of and High Energy Emission from GHz-Peaked-Spectrum Sources'*,  
2008, the Astrophysical Journal, 680, 911
- A25. Sikora, M., **Stawarz, L.**, & Lasota, J.-P.  
*'Radio-loudness of Active Galaxies and the Black Hole Evolution'*,  
2008, New Astronomy Reviews, 51, 891

- A24. Kataoka, J., Madejski, G., Sikora, M., Roming, P., Chester, M., Grupe, D., Tsubuku, Y., Sato, R., Kawai, N., Tosti, G., Impiombato, D., Kovalev, Y.Y., Kovalev, Y.A., Edwards, P.G., Wagner, S.J., Moderski, R., **Stawarz, L.**, Takahashi, T., & Watanabe, S.  
*'MWL Observations of the Powerful  $\gamma$ -ray Quasar PKS 1510-089: Clues on the Jet Composition'*,  
 2008, the Astrophysical Journal, 672, 787
- A23. Schwartz, D.A., Harris, D.E., Landt, H., Siemiginowska, A., Marshall, H.L., Gelbord, J.M., Perlman, E.S., Georganopoulos, M., Birkinshaw, M., Worrall, D.M., Cheung, C.C., **Stawarz, L.**, Jorstad, S.G., Marscher, A.P., Uchiyama, Y., & Urry, C.M.  
*'The X-ray jet and lobes of PKS 1354+195 (=4C 19.44)'*,  
 2007, Astrophysics and Space Science, 311, 341
- A22. Cheung, C.C., Harris, D.E., & **Stawarz, L.**,  
*'Superluminal Ejections Associated with X-ray Outbursts in the M 87 Jet'*,  
 2007, the Astrophysical Journal Letters, 663, L65
- A21. Jamrozny, M., Konar, C., Saikia, D.J., **Stawarz, L.**, Mack, K.-H., & Siemiginowska, A.  
*'Intermittent Jet Activity in the Radio Galaxy 4C 29.30 ?'*,  
 2007, Monthly Notices of the Royal Astronomical Society, 378, 581
- A20. **Stawarz, L.**, Cheung, C.C., Harris, D.E., & Ostrowski, M.  
*'Electron Energy Distribution in Hotspots of Cyg A: Filling the Gap with Spitzer Space Telescope'*,  
 2007, the Astrophysical Journal, 662, 213
- A19. **Stawarz, L.**, & Kirk, J.  
*'Automatic Quenching of High Energy  $\gamma$ -ray Sources by Synchrotron Photons'*,  
 2007, the Astrophysical Journal Letters, 661, L17
- A18. Sikora, M., **Stawarz, L.**, & Lasota, J.-P.  
*'Radio-Loudness of Active Galactic Nuclei: Observational Facts and Theoretical Implications'*,  
 2007, the Astrophysical Journal, 658, 815
- A17. Siemiginowska, A., **Stawarz, L.**, Cheung, C.C., Harris, D.E., Sikora, M., Aldcroft, T.L., Bechtold, J.  
*'300 kpc X-ray Jet in PKS 1127-145,  $z = 1.18$  Quasar: Constraining X-ray Emission Models'*,  
 2007, the Astrophysical Journal, 657, 145
- A16. Machalski, J., Chyży, K.T., **Stawarz, L.**, & Koziel, D.  
*'A Method of Estimation of Dynamical Age of FR II-type Radio Sources from Multifrequency Data'*,  
 2007, Astronomy & Astrophysics, 462, 43
- A15. **Stawarz, L.**, Aharonian, F., Wagner, S., & Ostrowski, M.  
*'Absorption of Nuclear  $\gamma$ -rays on the Starlight Radiation in FR I Sources: the Case of Cen A'*,  
 2006, Monthly Notices of the Royal Astronomical Society, 371, 1705
- A14. Cheung, C.C., **Stawarz, L.**, & Siemiginowska, A.  
*'Confronting X-ray Emission Models with the Highest-Redshift Kiloparsec-scale Jets: the  $z=3.89$  Jet in Quasar 1745+624'*,  
 2006, the Astrophysical Journal, 650, 679
- A13. **Stawarz, L.**, Aharonian, F., Kataoka, J., Ostrowski, M., Siemiginowska, A., & Sikora, M.  
*'Dynamics and High Energy Emission of the Flaring HST-1 Knot in the M 87 Jet'*,  
 2006, Monthly Notices of the Royal Astronomical Society, 370, 981
- A12. Kataoka, J., **Stawarz, L.**, Aharonian, F.A., Takahara, F., Ostrowski, M., & Edwards, P.G.  
*'The X-ray Jet in Centaurus A: Clues on the Jet Structure and Particle Acceleration'*,  
 2006, the Astrophysical Journal, 641, 158
- A11. **Stawarz, L.**, Kneiske, T.M., & Kataoka, J.  
*'Kiloparsec-Scale Jets in FR I Radio Galaxies and the  $\gamma$ -Ray Background'*,  
 2006, the Astrophysical Journal, 637, 693
- A10. **Stawarz, L.**, Siemiginowska, A., Ostrowski, M., & Sikora, M.  
*'On the Magnetic Field in the Kiloparsec-Scale Jet of Radio Galaxy M 87'*,  
 2005, the Astrophysical Journal, 626, 120



- A9. Kataoka, J., & **Stawarz, Ł.**,  
*'X-ray Emission Properties of Large Scale Jets, Hotspots and Lobes in Active Galactic Nuclei'*,  
 2005, the Astrophysical Journal, 622, 797
- A8. Bałucińska-Church, M., Ostrowski, M., **Stawarz, Ł.**, & Church, M.J.  
*'Discovery of Hard X-ray Features around the Hotspots in Cygnus A'*,  
 2005, Monthly Notices of the Royal Astronomical Society, 357, L6
- A7. **Stawarz, Ł.**,  
*'On the Jet Activity in 3C 273'*,  
 2004, the Astrophysical Journal, 613, 119
- A6. **Stawarz, Ł.**, Sikora, M., Ostrowski, M., & Begelman, M.C.  
*'On Multiwavelength Emission of Large-Scale Quasar Jets'*,  
 2004, the Astrophysical Journal, 608, 95
- A5. **Stawarz, Ł.**,  
*'Multifrequency Radiation of Extragalactic Large Scale Jets'*,  
 2003, Chinese Journal of Astronomy & Astrophysics, 3, 383
- A4. **Stawarz, Ł.**, Sikora, M., & Ostrowski, M.  
*'High Energy  $\gamma$ -rays from FR I Chandra Jets'*,  
 2003, the Astrophysical Journal, 597, 186
- A3. **Stawarz, Ł.**, & Ostrowski, M.  
*'A Role of the Boundary Shear Layer in Modeling of the Large Scale Jets'*,  
 2003, New Astronomy Reviews, 47, 521
- A2. **Stawarz, Ł.**, & Ostrowski, M.  
*'Radiation from the Relativistic Jet: a Role of the Shear Boundary Layer'*,  
 2002, the Astrophysical Journal, 578, 763
- A1. **Stawarz, Ł.**, & Ostrowski, M.  
*'High Energy Radiation Generated At Boundary Shear Layers Of Relativistic Jets'*,  
 2002, Publications of the Astronomical Society of Australia, 19, 22

## B. PUBLICATIONS with the H.E.S.S. COLLABORATION

- B190. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Evidence for  $\gamma$ -ray emission from the remnant of Kepler's SN based on deep H.E.S.S. observations'*  
 2022, Astronomy & Astrophysics, in press (arXiv:2201.05839)
- B189. Dagleish, H. et al. [for the H.E.S.S. Collaboration] 2022. *'Astronomy outreach in Namibia: H.E.S.S. and beyond 37th International Cosmic Ray Conference.* 12-23 July 2021. id.1397
- B188. Acciari, V. A. et al. [for the H.E.S.S. Collaboration] 2022. *'Searching for VHE gamma-ray emission associated with IceCube neutrino alerts using FACT, H.E.S.S., MAGIC, and VERITAS 37th International Cosmic Ray Conference.* 12-23 July 2021. id.960
- B187. Seglar Arroyo, M. et al. [for the H.E.S.S. Collaboration] 2022. *'H.E.S.S. follow-up of BBH merger events' 37th International Cosmic Ray Conference.* 12-23 July 2021. id.943
- B186. Bony (de), M. et al. [for the H.E.S.S. Collaboration] 2022. *'Detection of new Extreme BL Lac objects with H.E.S.S. and Swift XRT' 37th International Cosmic Ray Conference.* 12-23 July 2021. id.823
- B185. Abdalla, H. et al. [for the H.E.S.S. Collaboration] 2022. *'Is PKS 0625-354 another variable TeV active galactic nucleus?' 37th International Cosmic Ray Conference.* 12-23 July 2021. id.814
- B184. Abdalla, H. et al. [for the H.E.S.S. Collaboration] 2022. *'H.E.S.S. ToO program on nearby core-collapse Supernovae : search for very-high energy gamma-ray emission towards the SN candidate AT2019krl in M74' 37th International Cosmic Ray Conference.* 12-23 July 2021. id.809

- B183. Prokhorov, D. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Deep observations of Kepler’s SNR with H.E.S.S.*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.805
- B182. Giunti, L. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Evidence of 100 TeV  $\gamma$ -ray emission from HESS J1702-420: A new PeVatron candidate*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.793
- B181. Abdalla, H. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Search for TeV emission from the Fermi Bubbles at low Galactic latitudes with H.E.S.S. inner Galaxy survey*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.791
- B180. Sinha, A. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Search for enhanced TeV gamma ray emission from Giant Molecular Clouds using H.E.S.S.*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.790
- B179. Mohrmann, L. et al. [for the H.E.S.S. Collaboration] 2022. ‘*The young massive stellar cluster Westerlund 1 in gamma rays as seen with H.E.S.S.*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.789
- B178. Mitchell, A. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Detection of extended TeV emission around the Geminga pulsar with H.E.S.S.*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.780
- B177. Abdalla, H. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Revisiting the PeVatron candidate MGRO J1908+06 with an updated H.E.S.S. analysis*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.779
- B176. Abdalla, H. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Observation of burst activity from SGR1935+2154 associated to first galactic FRB with H.E.S.S.*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.777
- B175. Puehlhofer, G. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Science verification of the new FlashCam-based camera in the 28m telescope of H.E.S.S.*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.764
- B174. Montanari, A. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Search for dark matter annihilation signals from unidentified Fermi-LAT objects with H.E.S.S.*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.538
- B173. Armand, C. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Combined dark matter searches towards dwarf spheroidal galaxies with Fermi-LAT, HAWC, H.E.S.S., MAGIC, and VERITAS*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.528
- B172. Tavernier, T. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Limits on primordial black hole evaporation from H.E.S.S. observations*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.518
- B171. Abdalla, H. et al. [for the H.E.S.S. Collaboration] 2022. ‘*Search for dark matter annihilation towards the inner Milky Way halo with the H.E.S.S. Inner Galaxy Survey*’ 37th International Cosmic Ray Conference. 12-23 July 2021. id.511
- B170. Aharonian, F., et al. [for the H.E.S.S. Collaboration] 2022, *Science*, 376, 77  
‘*Time-resolved hadronic particle acceleration in the recurrent nova RS Ophiuchi*’
- B169. Abdalla, H., et al. [for the H.E.S.S. Collaboration] 2021, *The Astrophysical Journal*, 923, 109  
‘*H.E.S.S. follow-up observations of Binary Black Hole Coalescence events during the second and third Gravitational Waves observing runs of Advanced LIGO and Advanced Virgo*’
- B168. Abdalla, H., et al. [for the H.E.S.S. Collaboration] 2021, *Astronomy & Astrophysics*, 655, A7  
‘*LMCN132D: A mature SNR with a power-law  $\gamma$ -ray spectrum extending beyond 8 TeV*’

- B167. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Searching for TeV Gamma-Ray Emission from SGR 1935+2154 during Its 2020 X-Ray and Radio Bursting Phase’*  
 2021, the Astrophysical Journal, 919, 106
- B166. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.’*  
 2021, the Astrophysical Journal, 918, 17
- B165. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Evidence of 100 TeV  $\gamma$ -ray emission from HESS J1702-420: A new PeVatron candidate’*  
 2021, Astronomy & Astrophysics, 653, A152
- B164. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.’*  
 2021, the Astrophysical Journal, 917, 6
- B163. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Revealing x-ray and gamma-ray temporal and spectral similarities in the GRB 190829A afterglow’*  
 2021, Science, 372, 1081
- B162. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Search for dark matter annihilation in the Wolf-Lundmark-Melotte dwarf irregular galaxy with H.E.S.S.’*  
 2021, Physical Review D, 103, 102002
- B161. Algaba, J. C., et al. [for the H.E.S.S. Collaboration]  
*‘Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign’*  
 2021, The Astrophysical Journal Letters, 911, L11
- B160. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘H.E.S.S. and MAGIC observations of a sudden cessation of a very-high-energy  $\gamma$ -ray flare in PKS 1510-089 in May 2016’*  
 2021, Astronomy & Astrophysics, 648, A23
- B159. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘An extreme particle accelerator in the Galactic plane: HESS J1826-130’*  
 2020, Astronomy & Astrophysics, 644, A112
- B158. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Search for dark matter signals towards a selection of recently-detected DES dwarf galaxy satellites of the Milky Way with H.E.S.S.’*  
 2020, Physical Review D, 102, 062001
- B157. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Simultaneous observations of the blazar PKS 2155-304 from ultra-violet to TeV energies’*  
 2020, Astronomy & Astrophysics, 639, 42
- B156. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Resolving acceleration to very high energies along the jet of Centaurus A’*  
 2020, Nature, 582, 356
- B155. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations’*  
 2020, The Astrophysical Journal Letters, 894, L16
- B154. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Very high energy  $\gamma$ -ray emission from two blazars of unknown redshift and upper limits on their distance’*  
 2020, Monthly Notices of the Royal Astronomical Society, 494, 5590
- B153. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Detection of very-high-energy  $\gamma$ -ray emission from the colliding wind binary  $\eta$  Car with H.E.S.S.’*  
 2020, Astronomy & Astrophysics, 635, 167

- B152. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. detection of very high-energy  $\gamma$ -ray emission from the quasar PKS 0736+017'*  
 2020, *Astronomy & Astrophysics*, 633, 162
- B151. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. and Fermi-LAT observations of PSR B1259-63/LS 2883 during its 2014 and 2017 periastron passages'*  
 2020, *Astronomy & Astrophysics*, 633, 102
- B150. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'Resolving the Crab pulsar wind nebula at teraelectronvolt energies'*  
 2020, *Nature Astronomy*, 4, 167
- B149. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'A very-high-energy component deep in the  $\gamma$ -ray burst afterglow'*  
 2019, *Nature*, 575, 464
- B148. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830-211'*  
 2019, *Monthly Notices of the Royal Astronomical Society*, 486, 3886
- B147. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE  $\gamma$ -ray observations with H.E.S.S.'*  
 2019, *Astronomy & Astrophysics*, 627, 159
- B146. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. and Suzaku observations of the Vela X pulsar wind nebula'*  
 2019, *Astronomy & Astrophysics*, 627, 100
- B145. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'Upper Limits on Very-High-Energy  $\gamma$ -ray Emission from Core-Collapse Supernovae Observed with H.E.S.S.'*  
 2019, *Astronomy & Astrophysics*, 626, 57
- B144. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'VHE  $\gamma$ -ray discovery and multi-wavelength study of the blazar 1ES 2322-409'*  
 2019, *Monthly Notices of the Royal Astronomical Society*, 482, 3011
- B143. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'The 2014 TeV  $\gamma$ -Ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation'*  
 2019, *the Astrophysical Journal*, 870, 93
- B142. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'Particle Transport within the Pulsar Wind Nebula HESS J1825-137'*  
 2019, *Astronomy & Astrophysics*, 621, 116
- B141. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'First Ground-based Measurement of Sub-20 GeV to 100 GeV  $\gamma$ -rays from the Vela Pulsar with H.E.S.S. II'*  
 2018, *Astronomy & Astrophysics*, 620, 66
- B140. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'Searches for  $\gamma$ -ray lines and 'pure WIMP' spectra from Dark Matter annihilations in dwarf galaxies with H.E.S.S.'*  
 2018, *The Journal of Cosmology and Astroparticle Physics*, 11, 037
- B139. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*'The  $\gamma$ -ray spectrum of the core of Centaurus A as observed with H.E.S.S. and Fermi-LAT'*  
 2018, *Astronomy & Astrophysics*, 619, 71

- B138. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT’*  
 2018, *Astronomy & Astrophysics*, 617, 73
- B137. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Search for  $\gamma$ -ray line signals from dark matter annihilations in the inner Galactic halo from ten years of observations with H.E.S.S.’*  
 2018, *Physical Review Letters*, 120, 201101
- B136. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘H.E.S.S. discovery of very high energy gamma-ray emission from PKS 0625–354’*  
 2018, *Monthly Notices of the Royal Astronomical Society*, 476, 4187
- B135. Ahnen, M.L., et al. [for the H.E.S.S. Collaboration]  
*‘Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations’*  
 2018, *Astronomy & Astrophysics*, 612, 14
- B134. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘HESS J1741–302: a hidden accelerator in the Galactic plane’*  
 2018, *Astronomy & Astrophysics*, 612, 13
- B133. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars’*  
 2018, *Astronomy & Astrophysics*, 612, 12
- B132. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Extended VHE  $\gamma$ -ray emission towards SGR1806–20, LBV1806–20, and stellar cluster Cl\*1806–20’*  
 2018, *Astronomy & Astrophysics*, 612, 11
- B131. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘A search for very high-energy flares from the microquasars GRS 1915+105, Circinus X-1, and V4641 Sgr using contemporaneous H.E.S.S. and RXTE observations’*  
 2018, *Astronomy & Astrophysics*, 612, 10
- B130. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Characterising the VHE diffuse emission in the central 200 parsecs of our Galaxy with H.E.S.S.’*  
 2018, *Astronomy & Astrophysics*, 612, 9
- B129. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘A search for new supernova remnant shells in the Galactic plane with H.E.S.S.’*  
 2018, *Astronomy & Astrophysics*, 612, 8
- B128. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Deeper H.E.S.S. Observations of Vela Junior (RX J0852.0–4622): Morphology Studies and Resolved Spectroscopy’*  
 2018, *Astronomy & Astrophysics*, 612, 7
- B127. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘H.E.S.S. observations of RX J1713.7–3946 with improved angular and spectral resolution; evidence for gamma-ray emission extending beyond the X-ray emitting shell’*  
 2018, *Astronomy & Astrophysics*, 612, 6
- B126. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT’*  
 2018, *Astronomy & Astrophysics*, 612, 5
- B125. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Detailed spectral and morphological analysis of the shell type SNR RCW 86’*  
 2018, *Astronomy & Astrophysics*, 612, 4
- B124. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Population study of Galactic supernova remnants at very high  $\gamma$ -ray energies with H.E.S.S.’*  
 2018, *Astronomy & Astrophysics*, 612, 3

- B123. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘The Population of TeV Pulsar Wind Nebulae in the H.E.S.S. Galactic Plane Survey’*  
 2018, *Astronomy & Astrophysics*, 612, 2
- B122. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘The H.E.S.S. Galactic plane survey’*  
 2018, *Astronomy & Astrophysics*, 612, 1
- B121. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Detection of variable VHE  $\gamma$ -ray emission from the extra-galactic gamma-ray binary LMC P3’*  
 2018, *Astronomy & Astrophysics*, 610, L17
- B120. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘TeV gamma-ray observations of the binary neutron star merger GW170817 with H.E.S.S.’*  
 2017, *the Astrophysical Journal Letters*, 850, L22
- B119. Abbott, B.P., et al. [for the H.E.S.S. Collaboration]  
*‘Multi-messenger Observations of a Binary Neutron Star Merger’*  
 2017, *The Astrophysical Journal Letters*, 848, L12
- B118. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Measurement of the EBL spectral energy distribution using VHE  $\gamma$ -ray spectra of H.E.S.S. blazars’*  
 2017, *Astronomy & Astrophysics*, 606, 59
- B117. Petroff, E., et al. [for the H.E.S.S. Collaboration]  
*‘A polarized fast radio burst at low Galactic latitude’*  
 2017, *Monthly Notices of the Royal Astronomical Society*, 469, 4465
- B116. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Gamma-ray blazar spectra with H.E.S.S. II mono analysis: the case of PKS 2155-304 and PG 1553+113’*  
 2017, *Astronomy & Astrophysics*, 600, 89
- B115. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Characterizing the  $\gamma$ -ray long-term variability of PKS 2155-304 with H.E.S.S. and Fermi-LAT’*  
 2017, *Astronomy & Astrophysics*, 598, 39
- B114. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘First limits on the very-high energy gamma-ray afterglow emission of a fast radio burst: H.E.S.S. observations of FRB 150418’*  
 2017, *Astronomy & Astrophysics*, 597, 115
- B113. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘H.E.S.S. limits on line-like dark matter signatures in the 100 GeV to 2 TeV energy range close to the Galactic Centre’*  
 2016, *Physical Review Letters*, 117, 151302
- B112. Abdalla, H., et al. [for the H.E.S.S. Collaboration]  
*‘Search for dark matter annihilations towards the inner Galactic halo from 10 years of observations with H.E.S.S.’*  
 2016, *Physical Review Letters*, 117, 111301
- B111. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Acceleration of petaelectronvolt protons in the Galactic Centre’*  
 2016, *Nature*, 531, 476
- B110. Dyrda, M., Wierzcholska, A., Hervet, O., Moderski, R., Janiak, M., Ostrowski, M., & Stawarz, L.  
 [for the H.E.S.S. Collaboration]: *‘Discovery of VHE gamma-rays from the radio galaxy PKS 0625-354 with H.E.S.S.’* – In Proceedings of the 34th International Cosmic Ray Conference (ICRC2015), The Hague, The Netherlands, id.801 (arXiv:1509.06851)
- B109. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Discovery of variable VHE gamma-ray emission from the binary system 1FGL J1018.6-5856’*  
 2015, *Astronomy & Astrophysics*, 577, 131

- B108. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'The 2012 flare of PG 1553+113 seen with H.E.S.S. and Fermi-LAT'*  
 2015, the Astrophysical Journal, 802, 65
- B107. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. reveals a lack of TeV emission from the supernova remnant Puppis A'*  
 2015, Astronomy & Astrophysics, 575, 81
- B106. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Constraints on an Annihilation Signal from a Core of Constant Dark Matter Density around the Milky Way Center with H.E.S.S.'*  
 2015, Physical Review Letters, 114, 081301
- B105. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud'*  
 2015, Astronomy & Astrophysics, 574, 100
- B104. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Probing the  $\gamma$ -ray emission from HESS J1834-087 using H.E.S.S. and Fermi LAT observations'*  
 2015, Astronomy & Astrophysics, 574, 27
- B103. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'The exceptionally powerful TeV gamma-ray emitters in the Large Magellanic Cloud'*  
 2015, Science, 347, 406
- B102. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of the VHE gamma-ray source HESS J1832-093 in the vicinity of SNR G22.7-0.2'*  
 2015, Monthly Notices of the Royal Astronomical Society, 446, 1163
- B101. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'The high-energy  $\gamma$ -ray emission of AP Librae'*  
 2015, Astronomy & Astrophysics, 573, 31
- B100. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Diffuse Galactic gamma-ray emission with H.E.S.S.'*  
 2014, Physical Review D, 90, 122007
- B99. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Search for dark matter annihilation in H.E.S.S. observations of Dwarf Spheroidal Galaxies'*  
 2014, Physical Review D, 90, 112012
- B98. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Long-term monitoring of PKS 2155–304 with ATOM and H.E.S.S.: investigation of optical/ $\gamma$ -ray correlations in different spectral states'*  
 2014, Astronomy & Astrophysics, 571, 39
- B97. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of the hard spectrum VHE  $\gamma$ -ray source HESS J1641–463'*  
 2014, the Astrophysical Journal Letters, 794, 1
- B96. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'TeV  $\gamma$ -ray observations of the young synchrotron-dominated SNRs G1.9+0.3 and G330.2+1.0 with H.E.S.S.'*  
 2014, Monthly Notices of the Royal Astronomical Society, 441, 790
- B95. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Search for TeV Gamma-ray Emission from GRB 100621A, an extremely bright GRB in X-rays, with H.E.S.S.'*  
 2014, Astronomy & Astrophysics, 565, 16
- B94. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'HESS J1640–465 — an exceptionally luminous TeV  $\gamma$ -ray SNR'*  
 2014, Monthly Notices of the Royal Astronomical Society, 439, 2828

- B93. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Flux upper limits for 47 AGN observed with H.E.S.S. in 2004-2011'*  
 2014, *Astronomy & Astrophysics*, 564, 9
- B92. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. Observations of the Crab during its March 2013 GeV Gamma-Ray Flare'*  
 2014, *Astronomy & Astrophysics*, 562, 4
- B91. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Search for Extended  $\gamma$ -ray Emission around AGN with H.E.S.S. and Fermi-LAT'*  
 2014, *Astronomy & Astrophysics*, 562, 145
- B90. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'HESS J1818-154, a new composite supernova remnant discovered in TeV  $\gamma$ -rays and X-rays'*  
 2014, *Astronomy & Astrophysics*, 562, 40
- B89. Aliu, E., et al. [for the H.E.S.S. Collaboration]  
*'Long-term TeV and X-ray Observations of the Gamma-ray Binary HESS J0632+057'*  
 2014, *the Astrophysical Journal*, 780, 168
- B88. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Constraints on axionlike particles with H.E.S.S. from the irregularity of the PKS 2155-304 energy spectrum'*  
 2013, *Physical Review D*, 88, 102003
- B87. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of very high energy  $\gamma$ -ray emission from the BL Lac object PKS 0301-243 with H.E.S.S.'*  
 2013, *Astronomy & Astrophysics*, 2013, 559, 136
- B86. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. and Fermi-LAT discovery of  $\gamma$  rays from the blazar 1ES 1312-423'*  
 2013, *Monthly Notices of the Royal Astronomical Society*, 434, 1889
- B85. Stawarz, L. [for the H.E.S.S. Collaboration]: *'Active Galaxies Studied with the H.E.S.S. Observatory'* – 2013, *International Cosmic Ray Conference*, 1048
- B84. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. discovery of VHE  $\gamma$ -rays from the quasar PKS 1510-089'*  
 2013, *Astronomy & Astrophysics*, 554, 107
- B83. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of high and very high-energy emission from the BL Lac object SHBL J001355.9-185406'*  
 2013, *Astronomy & Astrophysics*, 554, 72
- B82. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of TeV  $\gamma$ -ray emission from PKS 0447-439 and derivation of an upper limit on its redshift'*  
 2013, *Astronomy & Astrophysics*, 552, 118
- B81. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. Observations of the Binary System PSR B1259-63/LS 2883 around the 2010/2011 Periastron Passage'*  
 2013, *Astronomy & Astrophysics*, 551, 94
- B80. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Search for Very-high-energy  $\gamma$ -ray emission from Galactic globular clusters with H.E.S.S.'*  
 2013, *Astronomy & Astrophysics*, 551, 26
- B79. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Measurement of the extragalactic background light imprint on the spectra of the brightest blazars observed with H.E.S.S.'*  
 2013, *Astronomy & Astrophysics*, 550, 4



- B78. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Search for photon line-like signatures from Dark Matter annihilations with H.E.S.S.'*  
 2013, Physical Review Letters, 110, 041301
- B77. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Identification of HESS J1303-631 as a PWN through  $\gamma$ -ray, X-ray and radio observations'*  
 2012, Astronomy & Astrophysics, 548, 46
- B76. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Probing the extent of non-thermal emission from Vela X region at TeV energies with H.E.S.S.'*  
 2012, Astronomy & Astrophysics, 548, 38
- B75. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Spectral analysis and interpretation of the  $\gamma$ -ray emission from the Starburst galaxy NGC 253'*  
 2012, the Astrophysical Journal, 757, 158
- B74. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of  $\gamma$ -ray Emission from the Extragalactic Pulsar Wind Nebula N157B with the High Energy Stereoscopic System'*  
 2012, Astronomy & Astrophysics, 545, L2
- B73. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Constraints on the  $\gamma$ -ray Emission from the Cluster-Scale AGN Outburst in the Hydra A'*  
 2012, Astronomy & Astrophysics, 545, 103
- B72. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. observations of the Carina nebula and its enigmatic colliding wind binary Eta Carinae'*  
 2012, Monthly Notices of the Royal Astronomical Society, 424, 128
- B71. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of VHE  $\gamma$ -ray Emission and Multi-wavelength Observations of the BL Lac Object 1RXS J101015.9-311909'*  
 2012, Astronomy & Astrophysics, 542, 94
- B70. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Search for Dark Matter Annihilation Signals from the Fornax Galaxy Cluster with H.E.S.S.'*  
 2012, the Astrophysical Journal, 750, 123
- B69. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of VHE Emission Towards the Carina Arm Region with the H.E.S.S. Telescope Array: HESS J1018-589'*  
 2012, Astronomy & Astrophysics, 541, 5
- B68. Raue, M., **Stawarz, L.**, Mazin, D., Colin, P., Hui, C.M., Beilicke, M., & Walker, R.C. [for the H.E.S.S. Collaboration]  
*'Probing the origin of VHE emission from M 87 with MWL observations in 2010'*  
 2012, Journal of Physics, 355, 012034
- B67. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'A multiwavelength view of the flaring state of PKS 2155-304 in 2006'*  
 2012, Astronomy & Astrophysics, 539, 149
- B66. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'The 2010 Very High Energy  $\gamma$ -ray Flare & 10 Years of Multi-wavelength Observations of M 87'*  
 2012, the Astrophysical Journal, 746, 151 (**contact author**)
- B65. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of hard-spectrum  $\gamma$ -ray emission from the BL Lac object 1ES 0414+009'*  
 2012, Astronomy & Astrophysics, 538, 103
- B64. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of Extended VHE  $\gamma$ -ray Emission from the Vicinity of the Young Massive Stellar Cluster Westerlund 1'*  
 2012, Astronomy & Astrophysics, 537, 114

- B63. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Simultaneous Multi-wavelength Campaign on PKS 2005-489 in a High State’*  
 2011, *Astronomy & Astrophysics*, 533, 110
- B62. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Discovery of the Source HESS J1356-645 Associated with Young and Energetic PSR J1357-6429’*  
 2011, *Astronomy & Astrophysics*, 533, 103
- B61. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘H.E.S.S. observations of the globular clusters NGC 6388 and M 15 and search for a Dark Matter signal’*  
 2011, *the Astrophysical Journal*, 735, 12
- B60. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Very-high-energy  $\gamma$ -ray Emission from the Direction of the Galactic Globular Cluster Terzan 5’*  
 2011, *Astronomy & Astrophysics*, 531, 18
- B59. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘A New SNR with TeV Shell-type Morphology: HESS J1731-347’*  
 2011, *Astronomy & Astrophysics*, 531, 81
- B58. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘HESS J1943+213: a candidate extreme BL Lacertae object’*  
 2011, *Astronomy & Astrophysics*, 529, 49
- B57. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Search for a Dark Matter Annihilation Signal from the Galactic Center Halo with H.E.S.S.’*  
 2011, *Physical Review Letters*, 106, 161301
- B56. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Search for Lorentz Invariance breaking with a likelihood fit of the PKS 2155-304 Flare Data Taken on MJD 53944’*  
 2011, *Astroparticle Physics*, 34, 738
- B55. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Detection of very-high-energy  $\gamma$ -ray emission from the vicinity of PSR B1706-44 and G343.1-2.3 with H.E.S.S.’*  
 2011, *Astronomy & Astrophysics*, 528, 143
- B54. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘H.E.S.S. Constraints on Dark Matter Annihilations Towards Sculptor and Carina Dwarf Galaxies’*  
 2011, *Astroparticle Physics*, 34, 608
- B53. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘Revisiting the Westerland 2 Field with the H.E.S.S. Telescope Array’*  
 2011, *Astronomy & Astrophysics*, 525, 46
- B52. Acero, F., et al. [for the H.E.S.S. Collaboration]  
*‘Discovery and Follow-up Studies of the Extended, Off-Plane, VHE  $\gamma$ -ray Source HESS J1507-622’*  
 2011, *Astronomy & Astrophysics*, 525, 45
- B51. Raue, M., Lenain, J.-P., Aharonian, F.A., Becherini, Y., Boisson, C., Clapson, A.-C., Costamante, L., Gerard, L., Medina, C., de Naurois, M., Punch, M., Rieger, F., Sol, H., Stawarz, L., Zech, A. [for the H.E.S.S. Collaboration]: *‘Discovery of VHE Famma-rays from Centaurus A’* – in Proc. ‘Accretion and Ejection in AGN: a Global View’, Como (Italy), June 22-26, 2009; ASP Conference Series 427, p.302 (2010)
- B50. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*‘Discovery of VHE  $\gamma$ -rays from the BL Lac object PKS 0548-322’*  
 2010, *Astronomy & Astrophysics*, 521, 69
- B49. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*‘VHE  $\gamma$ -ray emission of PKS 2155-304: spectral and temporal variability’*  
 2010, *Astronomy & Astrophysics*, 520, 83

- B48. Acero, F., et al. [for the H.E.S.S. Collaboration]  
*'First detection of VHE  $\gamma$ -rays from SN 1006 by H.E.S.S.'*  
 2010, *Astronomy & Astrophysics*, 516, 62
- B47. Abramowski, A., et al. [for the H.E.S.S. Collaboration]  
*'Multi-wavelength Observations of H 2356-309'*  
 2010, *Astronomy & Astrophysics*, 516, 56
- B46. Acero, F., et al. [for the H.E.S.S. Collaboration]  
*'Localizing the VHE  $\gamma$ -ray Source at the Galactic Centre'*  
 2010, *Monthly Notices of the Royal Astronomical Society*, 402, 1877
- B45. Acero, F., et al. [for the H.E.S.S. Collaboration]  
*'PKS 2005-489 at VHE: Four Years of Monitoring with HESS and Simultaneous Multi-wavelength Observations'*  
 2010, *Astronomy & Astrophysics*, 511, 52
- B44. Nukri, K., et al. [for the H.E.S.S. Collaboration]: *'H.E.S.S. Observations of the LMC'*, Bremen (Germany), July 15-18, 2010; Symposium E, session 19, paper number E19-0096-10
- B43. de Ona Wilhelmi, E., et al. [for the H.E.S.S. Collaboration]: *'Observations of the supernova remnant SNR G284.3-1.8 from X-rays to VHE gamma-rays with XMM-Newton, Fermi and H.E.S.S.'*, Bremen (Germany), July 15-18, 2010; Symposium E, session 19, paper number E19-0082-10
- B42. Mehault, J., et al. [for the H.E.S.S. Collaboration]: *'Unveiling the origin of gamma-ray emission towards the W41 region with H.E.S.S. data'*, Bremen (Germany), July 15-18, 2010; Symposium E, session 19, paper number E19-0080-10
- B41. Glueck, B., et al. [for the H.E.S.S. Collaboration]: *'H.E.S.S. observation of the Vela X nebula'* – in Proc. '38th COSPAR Scientific Assembly', Bremen (Germany), July 15-18, 2010; Symposium E, session 19, paper number E19-0065-10
- B40. Acero, F., et al. [for the H.E.S.S. Collaboration]: *'HESS J1731-347 : a new TeV shell-type SNR?'* – in Proc. '38th COSPAR Scientific Assembly', Bremen (Germany), July 15-18, 2010; Symposium E, session 19, paper number E19-0048-10
- B39. Marandon, V., et al. [for the H.E.S.S. Collaboration]: *'Recent H.E.S.S. results on pulsar wind nebulae'* – in Proc. '38th COSPAR Scientific Assembly', Bremen (Germany), July 15-18, 2010; Symposium E, session 19, paper number E19-0026-10
- B38. Fiasson, A., et al. [for the H.E.S.S. Collaboration]: *'Observations of Supernova Remnants associated with Molecular Clouds with H.E.S.S.'* – in Proc. '38th COSPAR Scientific Assembly', Bremen (Germany), July 15-18, 2010; Symposium E, session 18, paper number E18-0062-10
- B37. Egberts, K., et al. [for the H.E.S.S. Collaboration]: *'The H.E.S.S. measurement of the cosmic-ray electron spectrum'* – in Proc. '38th COSPAR Scientific Assembly', Bremen (Germany), July 15-18, 2010; Symposium E, session 18, paper number E18-0012-10
- B36. Fallon, L., et al. [for the H.E.S.S. Collaboration]: *'Searching for Pair Halos'* – in Proc. '38th COSPAR Scientific Assembly', Bremen (Germany), July 15-18, 2010; Symposium E, session 11, paper number E11-0070-10
- B35. Bolmont, J., et al. [for the H.E.S.S. Collaboration]: *'New limits on Quantum Gravity energy scale with PKS 2155-304 H.E.S.S. data using a likelihood fit'* – in Proc. '38th COSPAR Scientific Assembly', Bremen (Germany), July 15-18, 2010; Symposium E, session 11, paper number E11-0035-10
- B34. Acero, F., et al. [for the H.E.S.S. Collaboration]  
*HESS Upper Limits on Very High Energy  $\gamma$ -ray Emission from the Microquasar GRS 1915+105'*  
 2009, *Astronomy & Astrophysics*, 508, 1135
- B33. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Probing the ATIC Peak in the Cosmic-ray Electron Spectrum with H.E.S.S.'*  
 2009, *Astronomy & Astrophysics*, 508, 561

- B32. Acero, F., et al. [for the H.E.S.S. Collaboration]  
*'Detection of Gamma Rays From a Starburst Galaxy'*  
 2009, *Science*, 326, 1080
- B31. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'VHE  $\gamma$ -ray Observations of the Binary PSR B1259-63/SS2883 Around the 2007 Periastron'*  
 2009, *Astronomy & Astrophysics*, 507, 389
- B30. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Spectrum and Variability of the Galactic Center VHE  $\gamma$ -ray Source HESS J1745-290'*  
 2009, *Astronomy & Astrophysics*, 503, 817
- B29. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Simultaneous Multiwavelength Observations of the Second Exceptional  $\gamma$ -ray Flare of PKS 2155-304 in July 2006'*  
 2009, *Astronomy & Astrophysics*, 502, 749
- B28. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Constraints on the Multi-TeV Particle Population in the Coma Galaxy Cluster with H.E.S.S. Observations'*  
 2009, *Astronomy & Astrophysics*, 502, 437
- B27. Acciari, V.A., et al. [for the H.E.S.S. Collaboration]  
*'Radio Imaging of the VHE  $\gamma$ -Ray Emission Region in the Central Engine of a Radio Galaxy'*  
 2009, *Science*, 325, 444
- B26. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Detection of Very High Energy Radiation from HESS J1908+063 Confirms the Milagro Unidentified Source MGRO J1908+06'*  
 2009, *Astronomy & Astrophysics*, 499, 723
- B25. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Simultaneous Observations of PKS 2155-304 with H.E.S.S., Fermi, RXTE and ATOM: Spectral Energy Distributions and Variability in a Low State'*  
 2009, *the Astrophysical Journal Letters*, 696, L150
- B24. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. Upper Limit on the Very High Energy  $\gamma$ -ray Emission from the Globular Cluster 47 Tucanae'*  
 2009, *Astronomy & Astrophysics*, 499, 273
- B23. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of Very High Energy  $\gamma$ -ray Emission from Centaurus A with H.E.S.S. '*  
 2009, *the Astrophysical Journal Letters*, 695, L40
- B22. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of  $\gamma$ -ray Emission from the Shell-Type Supernova Remnant RCW 86 with H.E.S.S. '*  
 2009, *the Astrophysical Journal*, 692, 1500
- B21. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. Observations of  $\gamma$ -ray Bursts in 2003-2007'*  
 2009, *Astronomy & Astrophysics*, 495, 505
- B20. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Very High Energy  $\gamma$ -ray Observations of the Galaxy Clusters Abell 496 and Abell 85 with H.E.S.S. '*  
 2009, *Astronomy & Astrophysics*, 495, 27
- B19. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'A Search for a Dark Matter Annihilation Signal Towards the Canis Major Overdensity with H.E.S.S. '*  
 2009, *the Astrophysical Journal*, 691, 175
- B18. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. Observations of the Prompt and Afterglow Phases of GRB 060602B'*  
 2009, *the Astrophysical Journal*, 690, 1068

- B17. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'The Energy Spectrum of Cosmic-ray Electrons at TeV Energies'*  
 2008, Physical Review Letters, 101, 261104
- B16. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Simultaneous HESS and Chandra Observations of Sagittarius A\* During an X-ray Flare'*  
 2008, Astronomy & Astrophysics, 492, L25
- B15. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of a VHE  $\gamma$ -ray Source Coincident with the Supernova Remnant CTB 37A'*  
 2008, Astronomy & Astrophysics, 490, 685
- B14. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Limits on an Energy Dependence of the Speed of Light from a Flare of the Active Galaxy PKS 2155-304'*  
 2008, Physical Review Letters, vol. 101, Issue 17, 170402
- B13. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Search for  $\gamma$ -rays from Dark Matter Annihilations around Intermediate Mass Black Holes with the H.E.S.S. Experiment'*  
 2008, Physical Review D, 78, 072008
- B12. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. Upper Limits for Kepler's Supernova Remnant'*  
 2008, Astronomy & Astrophysics, 488, 219
- B11. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Chandra and H.E.S.S. Observations of the Supernova Remnant CTB 37B'*  
 2008, Astronomy & Astrophysics, 486, 829
- B10. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of Very-High-Energy  $\gamma$ -ray Emission from the Vicinity of PSR J1913+1011 with H.E.S.S.'*  
 2008, Astronomy & Astrophysics, 484, 435
- B9. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Exploring a SNR/Molecular Cloud Association within HESS J1745-303'*  
 2008, Astronomy & Astrophysics, 483, 509
- B8. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of VHE  $\gamma$ -rays from the High-Frequency-Peaked BL Lacertae Object RGB J0152+017'*  
 2008, Astronomy & Astrophysics, 481, 103
- B7. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of Very High Energy  $\gamma$ -ray Emission Coincident with Molecular Clouds in the W28 (G6.4-0.1) Field'*  
 2008, Astronomy & Astrophysics, 481, 401
- B6. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Upper Limits from HESS AGN Observations in 2005-2007'*  
 2008, Astronomy & Astrophysics, 478, 387
- B5. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'H.E.S.S. Observations and VLT Spectroscopy of PG 1553+113'*  
 2008, Astronomy & Astrophysics, 477, 481
- B4. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'HESS Very-High-Energy  $\gamma$ -ray Sources Without Identified Counterparts'*  
 2008, Astronomy & Astrophysics, 477, 353
- B3. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'New Constraints on the Mid-IR EBL from the H.E.S.S. Discovery of VHE  $\gamma$ -rays from 1ES 0229+200'*  
 2007, Astronomy & Astrophysics, 475, L9

- B2. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'Discovery of VHE  $\gamma$ -rays from the Distant BL Lacertae 1ES 0347-121'*  
 2007, *Astronomy & Astrophysics*, 473, L25
- B1. Aharonian, F., et al. [for the H.E.S.S. Collaboration]  
*'An Exceptional VHE  $\gamma$ -ray Flare of PKS 2155-304'*  
 2007, *the Astrophysical Journal Letters*, 664, L71

### C. PUBLICATIONS with the FERMI-LAT COLLABORATION

- C35. Ajello, M., et al. [for the *Fermi*-LAT Collaboration]  
*'3FHL: The Third Catalog of Hard Fermi-LAT Sources'*  
 2017, *The Astrophysical Journal Supplement Series*, 232, 18
- C34. Abdollahi, S., et al. [for the *Fermi*-LAT Collaboration]  
*'The second catalog of flaring gamma-ray sources from the Fermi All-sky Variability Analysis'*  
 2017, *The Astrophysical Journal*, 846, 34
- C33. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration]  
*'Gamma-ray Blazars Within the First 2 Billion Years'*  
 2017, *the Astrophysical Journal Letters*, 837, L5
- C32. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration]  
*'Fermi LAT Detection of Extended  $\gamma$ -ray Emission From the Radio Galaxy Fornax A'*  
 2016, *the Astrophysical Journal*, 826, 1
- C31. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration]  
*'Minute-timescale  $> 100$  MeV  $\gamma$ -ray Variability During the Giant Outburst of Quasar 3C 279 Observed by Fermi-LAT in 2015 June'*  
 2016, *the Astrophysical Journal Letters*, 824, L20
- C30. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration]  
*'The Third Catalog of Active Galactic Nuclei Detected by the Fermi Large Area'*  
 2015, *the Astrophysical Journal*, 810, 14
- C29. Magill, J., McConville, W., Georganopoulos, M., Meyer, E., Perkins, J., & Stawarz, L. [for the *Fermi*-LAT Collaboration]: *'Detection of Extended Emission from Fornax A and Measurement of the Extragalactic Background Light'* – 2015, APS Meeting Abstracts, 14001
- C28. Tanaka, Y. T., Doi, A., Inoue, Y., Cheung, C. C., Stawarz, L., Fukazawa, Y., Gurwell, M. A., Tahara, M., Kataoka, J., Itoh, R. [for the *Fermi*-LAT Collaboration]: *'Fermi-LAT and Multi-wavelength Monitoring of the Broad Line Radio Galaxy 3C 120'* – 2014 Fermi Symposium proceedings - eConf C141020.1, arXiv:1503.04248
- C27. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration]  
*'The Spectrum and Morphology of the Fermi Bubbles'*  
 2014, *the Astrophysical Journal*, 793, 64
- C26. Aleksic, J., et al. [for the *Fermi*-LAT Collaboration]  
*'MAGIC Gamma-ray and Multifrequency Observations of Flat Spectrum Radio Quasar PKS 1510-089 in Early 2012'*  
 2014, *Astronomy & Astrophysics*, 569, 46
- C25. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration]  
*'Fermi Establishes Classical Novae as a New Class of Gamma-Ray Sources'*  
 2014, *Science*, 345, 554
- C24. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration]  
*'Multifrequency Studies of the Peculiar Quasar 4C+21.35 During the 2010 Flaring Activity'*  
 2014, *the Astrophysical Journal*, 786, 157

- C23. Madejski, G. M., Hayashida, M., Stawarz, L., et al. [for the *Fermi*-LAT Collaboration]: ‘*Discovery of GeV Gamma-ray Emission from the Circinus Galaxy with the Fermi-LAT*’ – 2014, American Astronomical Society Meeting Abstracts, 223, #328.04
- C22. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration] ‘*The First Fermi-LAT Catalog of Sources Above 10 GeV*’ 2013, the Astrophysical Journal Supplement Series, 209, 34
- C21. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration] ‘*Constraints on the Galactic Halo Dark Matter from Fermi-LAT Diffuse Measurements*’ 2012, the Astrophysical Journal, 761, 91
- C20. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration] ‘*The Imprint of The Extragalactic Background Light in the  $\gamma$ -Ray Spectra of Blazars*’ 2012, Science, 338, 1190
- C19. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration] ‘*Fermi Observations of  $\gamma$ -Ray Emission From the Moon*’ 2012, the Astrophysical Journal, 758, 140
- C18. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration] ‘*GeV Observations of Star-forming Galaxies with Fermi LAT*’ 2012, the Astrophysical Journal, 755, 164
- C17. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration] ‘*Constraining the High-Energy Emission from Gamma-ray Bursts with Fermi*’ 2012, the Astrophysical Journal, 754, 121
- C16. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration] ‘*Search for  $\gamma$ -ray Emission from X-ray Selected Seyfert Galaxies with Fermi-LAT*’ 2012, the Astrophysical Journal, 747, 104 (**contact author**)
- C15. Hayashida, M., Stawarz, L., Bechtol, K., Madejski, G., [for the *Fermi*-LAT Collaboration]: ‘*Search for Gamma-ray Emission From X-ray Selected Radio-quiet Seyfert Galaxies with Fermi-LAT*’ — in Proc. ‘American Astronomical Society Meeting 219’, Austin TX (USA), January 8-12, 2012; American Astronomical Society Meeting Abstracts, 219, #305.06
- C14. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration] ‘*Fermi-LAT Observations of Markarian 421: the Missing Piece of its Spectral Energy Distribution*’ 2011, the Astrophysical Journal, 736, 131
- C13. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration] ‘*Insights Into the High-energy  $\gamma$ -ray Emission of Markarian 501 from Extensive Multifrequency Observations in the Fermi Era*’ 2011, the Astrophysical Journal, 727, 129 (**contact author**)
- C12. McConville, W., Ostorero, L., Moderski, R., Stawarz, L., Cheung, C.C. [for the *Fermi*-LAT Collaboration]: ‘*Fermi Large Area Telescope Observations of a Candidate Young Radio Source*’ — in Proc. ‘American Astronomical Society Meeting 217’, Seattle WA (USA), January 9-13, 2011; Bulletin of the American Astronomical Society, Vol. 43, 106.03 (2011)
- C11. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration] ‘*Fermi LAT observations of cosmic-ray electrons from 7 GeV to 1 TeV*’ 2010, Physical Review D, 82, 092004
- C10. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration] ‘*Fermi Large Area Telescope Observations of Misaligned Active Galactic Nuclei*’ 2010, the Astrophysical Journal, 720, 912
- C9. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration] ‘*Gamma-ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni*’ 2010, Science, 329, 817

- C8. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration]  
*'Fermi Large Area Telescope View of the Core of the Radio Galaxy Centaurus A'*  
 2010, the *Astrophysical Journal*, 719, 1433
- C7. Ackermann, M., et al. [for the *Fermi*-LAT Collaboration]  
*'GeV  $\gamma$ -ray Flux Upper Limits from Clusters of Galaxies'*  
 2010, the *Astrophysical Journal*, 717, 71
- C6. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration]  
*'Suzaku Observations of Luminous Quasars: Revealing the Nature of High-Energy Blazar Emission in Quiescent States'*  
 2010, the *Astrophysical Journal*, 716, 835
- C5. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration]  
*'Fermi Gamma-ray Imaging of a Radio Galaxy'*  
 2010, *Science*, 328, 725 (**contact author**)
- C4. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration]  
*'The First Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope'*  
 2010, the *Astrophysical Journal*, 715, 429
- C3. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration]  
*'A Change in the Optical Polarization Associated with a  $\gamma$ -ray Flare in the Blazar 3C 279'*  
 2010, *Nature*, 463, 919
- C2. Cheung, C.C., Fukazawa, Y., Knödlseder, J., Stawarz, L. [for the *Fermi*-LAT Collaboration]: *'Fermi LAT Discovery of Gamma-rays from the Giant Radio Lobes of Centaurus A'* – in Proc. 'American Astronomical Society Meeting 215', Washington DC (USA), January 3-7, 2010; *Bulletin of the American Astronomical Society* 41, 440
- C1. Abdo, A.A., et al. [for the *Fermi*-LAT Collaboration]  
*'Fermi Large Area Telescope  $\gamma$ -Ray Detection of the Radio Galaxy M87'*  
 2009, the *Astrophysical Journal*, 707, 55

#### D. PUBLICATIONS with the CTA CONSORTIUM

- D32. Zanin, R. et al. [for the CTA Consortium] 2022. *'CTA – the World's largest ground-based gamma-ray observatory'* 37th International Cosmic Ray Conference. 12-23 July 2021. id.5
- D31. Acharyya, A., et al. [for the CTA Consortium]  
*'Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout'*  
 2019, *Astroparticle Physics*, 111, 35
- D30. Jurysek, J., et al. [for the CTA Consortium] 2019, 36th International Cosmic Ray Conference (ICRC2019), 708
- D29. Heller, M., et al. [for the CTA Consortium] 2019, 36th International Cosmic Ray Conference (ICRC2019), 694
- D28. Alispach, C. M., et al. [for the CTA Consortium] 2019, 36th International Cosmic Ray Conference (ICRC2019), 617
- D27. Acharya, B.S., et al. [for the CTA Consortium]  
*'Science with the Cherenkov Telescope Array'*  
 2019, Published by World Scientific Publishing Co. Pte. Ltd., . ISBN #9789813270091 (arXiv:1709.07997)
- D26. Ostrowski, M., et al. [for the CTA Consortium]  
*'Progress of the Cherenkov Telescope Array project in Poland'*  
 2018, XXXVIII Polish Astronomical Society Meeting, 7, 343
- D25. Sliusar, V., et al. [for the CTA Consortium]  
*'Control Software for the SST-1M Small-Size Telescope prototype for the Cherenkov Telescope Array'*  
 2017, Proceedings of the 35th ICRC, July 12-20 2017, Busan, Korea (arXiv:1709.04244)



- D24. Samarai, I., et al. [for the CTA Consortium]  
*‘Development of a strategy for calibrating the novel SiPM camera of the SST-1M telescope proposed for the Cherenkov Telescope Array’*  
 2017, Proceedings of the 35th ICRC, July 12-20 2017, Busan, Korea (arXiv:1709.03920)
- D23. Samarai, I., et al. [for the CTA Consortium]  
*‘Performance of a small size telescope (SST-1M) camera for gamma-ray astronomy with the Cherenkov Telescope Array’*  
 2017, Proceedings of the 35th ICRC, July 12-20 2017, Busan, Korea (arXiv:1709.03914)
- D22. della Volpe, D., et al. [for the CTA Consortium]  
*‘First light on a new fully digital camera based on SiPM for CTA SST-1M telescope’*  
 2017, Proceedings of the SPIE, Volume 10399, id. 1039906 14 pp.
- D21. Acero, F., et al. [for the CTA Consortium]  
*‘Prospects for CTA Observations of the Young Supernova Remnant RX J1713.7–3946’*  
 2017, the Astrophysical Journal, 840, 74
- D20. Aguilar, J. A., et al. [for the CTA Consortium]  
*‘Characterization and commissioning of the SST-1M camera for the Cherenkov Telescope Array’*  
 2017, Nuclear Instruments and Methods in Physics Research A, 845, 350
- D19. Heller, M., et al. [for the CTA Consortium]  
*‘An innovative silicon photomultiplier digitizing camera for gamma-ray astronomy’*  
 2017, The European Physical Journal C, 77, 47
- D18. Heller, M., et al. [for the CTA Consortium]  
*‘The Single Mirror Small Sized Telescope For The Cherenkov Telescope Array’*  
 2017, 6th International Symposium on High Energy Gamma-Ray Astronomy, 1792, 080003
- D17. Aguilar, J. A., et al. [for the CTA Consortium]  
*‘Front-end and slow control electronics for large area SiPMs used for the single mirror Small Size Telescope (SST-1M) of the Cherenkov Telescope Array (CTA)’*  
 2016, Proceedings of the SPIE, Volume 9915, id. 99152T 8 pp.
- D16. Aguilar, J. A., et al. [for the CTA Consortium]  
*‘The single mirror small size telescope (SST-1M) of the Cherenkov Telescope Array’*  
 2016, Proceedings of the SPIE, Volume 9906, id. 990636 15 pp.
- D15. Aguilar, J.A., et al. [for the CTA Consortium]  
*‘The front-end electronics and slow control of large area SiPM for the SST-1M camera developed for the CTA experiment’*  
 2016, Nuclear Inst. and Methods in Physics Research A, 830, 219
- D14. Niemiec, J., et al. [for the CTA Consortium]  
*‘Prototype of the SST-1M Telescope Structure for the Cherenkov Telescope Array’*  
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands (arXiv:1509.01824)
- D13. Toscano, S., et al. [for the CTA Consortium]  
*‘Using muon rings for the optical throughput calibration of the SST-1M prototype for the Cherenkov Telescope Array’*  
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands (arXiv:1509.00266)
- D12. Schioppa, E.J., et al. [for the CTA Consortium]  
*‘The SST-1M camera for the Cherenkov Telescope Array’*  
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands (arXiv:1508.06453)
- D11. Prandini, E., et al. [for the CTA Consortium]  
*‘Camera calibration strategy of the SST-1M prototype of the Cherenkov Telescope Array’*  
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands (arXiv:1508.06397)
- D10. Montaruli, T., et al. [for the CTA Consortium]  
*‘The small size telescope projects for the Cherenkov Telescope Array’*  
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands, id.1043

- D9. Porcelli, A., et al. [for the CTA Consortium]  
*‘Software design for the control system for Small-Size Telescopes with single-mirror of the Cherenkov Telescope Array’*  
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands, id.1033 (arXiv:1508.07472)
- D8. Moderski, R., et al. [for the CTA Consortium]  
*‘Performance of the SST-1M telescope for the Cherenkov Telescope Array observatory’*  
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands, id.1008 (arXiv:1508.06459)
- D7. Seweryn, K., et al. [for the CTA Consortium]  
*‘Development of the optical system for the SST-1M telescope of the CTA observatory’*  
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands, id.998 (arXiv:1508.06795)
- D6. Rajda, P., et al. [for the CTA Consortium]  
*‘DigiCam – Fully Digital Compact Read-out and Trigger Electronics for the SST-1M Telescope proposed for the Cherenkov Telescope Array’*  
 2015, 34th International Cosmic Ray Conference, The Hague, The Netherlands, id.931 (arXiv:1508.06082)
- D5. Aguilar, J.A., et al. [for the CTA Consortium]  
*‘DigiCam: fully digital compact camera for SST-1M telescope’*  
 2014, Proceedings of the SPIE, Volume 9147, id. 91475F
- D4. Moderski, R., et al. [for the CTA Consortium]  
*‘Performance of the small size telescope sub-array of the Cherenkov Telescope Array observatory’*  
 2014, Proceedings of the SPIE, Volume 9145, id. 914530
- D3. Aguilar, J.A., et al. [for the CTA Consortium]  
*‘The Cherenkov Telescope Array single-mirror small size telescope project: status and prospects’*  
 2014, Proceedings of the SPIE, Volume 9145, id. 914508
- D2. Acharya, B.S., et al. [for the CTA Consortium]  
*‘Introducing the CTA concept’*  
 2013, Astroparticle Physics, 43, 3
- D1. Actis, M., et al. [for the CTA Consortium]  
*‘Design Concepts for the Cherenkov Telescope Array CTA: An Advanced Facility for Ground-based High-energy Gamma-ray Astronomy’*  
 2011, Experimental Astronomy, 32, 193

## E. PUBLICATIONS with the ASTRO-H/HITOMI COLLABORATION

- E22. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*‘Detection of polarized  $\gamma$ -ray emission from the Crab nebula with Hitomi Soft Gamma-ray Detector’*  
 2018, Publications of the Astronomical Society of Japan, 70, 113
- E21. Takahashi, T., et al. [for the *Hitomi* Collaboration]:  
*‘Hitomi (ASTRO-H) X-ray Astronomy Satellite’*  
 2018, Journal of Astronomical Telescopes, Instruments, and Systems, 4, 021402
- E20. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*‘Hitomi X-ray Observation of the Pulsar Wind Nebula G21.5–0.9’*  
 2018, Publications of the Astronomical Society of Japan, 70, 38
- E19. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*‘Glimpse of the highly obscured HMXB IGR J16318-4848 with Hitomi’*  
 2018, Publications of the Astronomical Society of Japan, 70, 17
- E18. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*‘Hitomi Observations of the LMC SNR N132D: Highly Redshifted X-ray Emission from Iron Ejecta’*  
 2018, Publications of the Astronomical Society of Japan, 70, 16

- E17. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'Hitomi X-ray studies of Giant Radio Pulses from the Crab pulsar'*  
 2018, Publications of the Astronomical Society of Japan, 70, 15
- E16. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'Search for Thermal X-ray Features from the Crab nebula with Hitomi Soft X-ray Spectrometer'*  
 2018, Publications of the Astronomical Society of Japan, 70, 14
- E15. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'Hitomi Observation of Radio Galaxy NGC 1275: The First X-ray Microcalorimeter Spectroscopy of Fe-K $\alpha$  Line Emission from an Active Galactic Nucleus'*  
 2018, Publications of the Astronomical Society of Japan, 70, 13
- E14. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'Atomic data and spectral modeling constraints from high-resolution X-ray observations of the Perseus cluster with Hitomi'*  
 2018, Publications of the Astronomical Society of Japan, 70, 12
- E13. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'Temperature Structure in the Perseus Cluster Core Observed with Hitomi'*  
 2018, Publications of the Astronomical Society of Japan, 70, 11
- E12. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'Measurements of resonant scattering in the Perseus cluster core with Hitomi SXS'*  
 2018, Publications of the Astronomical Society of Japan, 70, 10
- E11. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'Atmospheric gas dynamics in the Perseus cluster observed with Hitomi'*  
 2018, Publications of the Astronomical Society of Japan, 70, 9
- E10. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'Solar abundance ratios of the iron-peak elements in the Perseus cluster'*  
 2017, Nature, 551, 478
- E9. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'HITOMI Constraints on the 3.5 keV Line in Perseus'*  
 2017, the Astrophysical Journal Letters, 837, L15
- E8. Takahashi, T., et al. [for the *Hitomi* Collaboration]: *'The ASTRO-H (Hitomi) X-ray Astronomy Satellite'* – 2016, Proceedings of the SPIE 2016, Volume 9905, id. 99050U 17 pp.
- E7. Aharonian, F., et al. [for the *Hitomi* Collaboration]  
*'The Quiet Intracluster Medium in the Core of the Perseus Cluster'*  
 2016, Nature, 535, 117
- E6. Coppi, P. S. & **Stawarz, L.** [for the ASTRO-H Collaboration]: *'The ASTRO-H Mission: Unprecedented Spectral Coverage in the X-ray and Soft Gamma-Ray Bands'* – 2015, American Astronomical Society Meeting Abstracts, 225, #338.32
- E5. Coppi, P., **Stawarz, L.**, Done, C., Fukazawa, Y., Gandhi, P., Hagino, K., LaMassa, S., Laurent, P., Madejski, G., Mizuno, T., Mukai, K., Odaka, H., Tajima, H., Tanaka, Y., Tombesi, F., & Urry, M. [for the ASTRO-H Collaboration]: *'ASTRO-H Space X-ray Observatory White Paper: Broad-band Spectroscopy and Polarimetry'* – 2014 (arXiv:1412:1190)
- E4. Koyama, K., Kataoka, J., Nobukawa, M., Uchiyama, H., Nakashima, S., Aharonian, F., Chernyakova, M., Ichinohe, Y., Nobukawa, K., Maeda, Y., Matsumoto, H., Murakami, H., Ricci, C., **Stawarz, L.**, Tanaka, T., Tsuru, T.G., Watanabe, S., Yamauchi, S., & Yuasa, T [for the ASTRO-H Collaboration]: *'ASTRO-H Space X-ray Observatory White Paper: Plasma Diagnostic and Dynamics of the Galactic Center Region'* – 2014 (arXiv:1412:1170)
- E3. Takahashi, T., et al. [for the ASTRO-H Collaboration]: *'The ASTRO-H X-ray Astronomy Satellite'* – Proceedings of the SPIE 2014, Volume 9144, id. 914425

- E2. Takahashi, T., et al. [for the ASTRO-H Collaboration]: ‘*The ASTRO-H X-ray Observatory*’ – in Proc. ‘Space Telescopes and Instrumentation 2012: Ultraviolet to Gamma Ray’; SPIE 2012, 8443, 84431
- E1. Takahashi, T., et al. [for the ASTRO-H Collaboration]: ‘*The ASTRO-H Mission*’ – in Proc. ‘Space Telescopes and Instrumentation 2010: Ultraviolet to Gamma Ray’; eds. M. Arnaud, S.S. Murray, and T. Takahashi; Proceedings of the SPIE 2010, 7732, 77320

## F. PUBLICATIONS with the HYPER-KAMIOKANDE COLLABORATION

- F2. Abe, K., et al. [for the *Hyper-Kamiokande* Collaboration] ‘*Supernova Model Discrimination with Hyper-Kamiokande*’ 2021, the Astrophysical Journal, 916, 15
- F1. Abe, K., et al. [for the *Hyper-Kamiokande* Collaboration] ‘*The Hyper-Kamiokande Experiment – Snowmass LOI*’ 2020, eprint arXiv:2009.00794

## G. OTHER CONFERENCE PROCEEDINGS & ABSTRACTS

- G83. Snios, B., Siemiginowska, A., Sobolewska, M., et al. 2021, American Astronomical Society Meeting Abstracts, id. 226.01. Bulletin of the American Astronomical Society, Vol. 53
- G82. Wójtowicz, A., Stawarz, L., Kosmaczewski, E. 2020. ‘*Jet production efficiency in the sample of the youngest radio galaxies*’, Perseus in Sicily: From Black Hole to Cluster Outskirts. Proceedings of the International Astronomical Union, Volume 342, pp. 278-279
- G81. Kosmaczewski, E., Stawarz, L., Wójtowicz, A. 2020. ‘*Infrared Diagnostics of the ISM in the Circumnuclear Environments of the Youngest Radio Galaxies*’, Perseus in Sicily: From Black Hole to Cluster Outskirts. Proceedings of the International Astronomical Union, Volume 342, pp. 268-269
- G80. Thimmappa, R., Stawarz, L., Balasubramaniam, K., Marchenko, V. 2020. ‘*Preliminary analysis of the X-ray emission from the central regions of the Pictor A*’, Perseus in Sicily: From Black Hole to Cluster Outskirts. Proceedings of the International Astronomical Union, Volume 342, pp. 224-226
- G79. Balasubramaniam, K., et al. 2020. ‘*Chandra view on the active nucleus of CGCG 292-057: Jet-ISM interactions*’, Perseus in Sicily: From Black Hole to Cluster Outskirts. Proceedings of the International Astronomical Union, Volume 342, pp. 222-223
- G78. Sobolewska, M., Siemiginowska, A., Guainazzi, M., et al. 2020, AAS Meeting Abstracts, 436.07
- G77. Clautice, D., Perlman, E., Cara, M., et al. 2020, AAS Meeting Abstracts, 304.27
- G76. McEnery, J., et al. [for the AMEGO Collaboration] ‘*All-sky Medium Energy Gamma-ray Observatory: Exploring the Extreme Multimessenger Universe*’ 2019, Astro2020: Decadal Survey on Astronomy and Astrophysics, APC white papers, no. 245; Bulletin of the American Astronomical Society, Vol. 51, Issue 7, id. 245
- G75. Żywucka, N., Tarnopolski, M., Böttcher, M., et al.: ‘*Optical Variability Modelling Of Newly Identified Blazars And Blazar Candidates Behind Magellanic Clouds*’, 2019, High Energy Phenomena in Relativistic Outflows VII, 26
- G74. Perlman, E. S., et al. 2019, AAS/High Energy Astrophysics Division, 17, 106.24
- G73. Sobolewska, M., et al. 2019, AAS/High Energy Astrophysics Division, 17, 106.12
- G72. Clautice, D., Perlman, E., Cara, M., et al. 2019, American Astronomical Society Meeting Abstracts #233, 233, #243.33
- G71. Cheung, C.C., Shore, S.N., Stawarz, L., Jean, P.: ‘*Gamma-ray Novae: Fermi-LAT observations and theoretical prospects*’ – 42nd COSPAR Scientific Assembly. Held 14-22 July 2018, in Pasadena, California, USA, Abstract id. E1.7-37-18

- G70. Clautice, D., Perlman, E. S., Cara, M., et al.: *‘Unraveling the Physics of FR II Jets Using HST Polarimetry’* – 2018, American Astronomical Society Meeting Abstracts, 231, #257.19
- G69. Siemiginowska, A., Sobolewska, M., Guainazzi, M., Hardcastle, M., Migliori, G., Ostorero, L., Stawarz, L.: *‘X-ray Properties and the Environment of Compact Radio Sources’* – 2018, American Astronomical Society Meeting Abstracts, 231, #123.01
- G68. Bhatta, G., Stawarz, L., Zola, S., Ostrowski, M., Balasubramaniam, K., Zdziarski, A., Markowitz, A., Kuzmich, A., Jamroz, M., MAXI Team: *‘Constraining Disk-Jet Connection in the Radio Source 4C+74.26’* – 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari. p.254
- G67. Balasubramaniam, K., Stawarz, L., Sobolewska, M., Siemiginowska, A., Cheung, C., Goyal, A., Koziel-Wierzbowska, D.: *‘Chandra view on the active nucleus of the restarted radio galaxy CGCG 292-057’* – 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari. p.251
- G66. Tombesi, F., Mushotzky, R., Reynolds, C., Reeves, J., Kallman, T., Behar, E., Braitto, V., Ueda, Y., Cappi, M., Stawarz, L.: *‘Feeding and feedback in radio galaxies and mergers: an X-ray perspective’* – 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari. p.223
- G65. Sobolewska, M., Siemiginowska, A., Migliori, G., Guainazzi, M., Hardcastle, M., Ostorero, L., Stawarz, L.: *‘X-ray study of the environmental impact on the initial stages of a radio source evolution’* – 2017, The X-ray Universe 2017, Proceedings of the conference held 6-9 June, 2017 in Rome, Italy. Edited by J.-U. Ness and S. Migliari. p.212
- G64. Sobolewska, M., Siemiginowska, A., Migliori, G., Guainazzi, M., Hardcastle, M., Ostorero, L., Stawarz, L.: *‘PKS 1718-649: a broad-band study of a young radio jet’* – 2017, AAS/High Energy Astrophysics Division, 16, #405.04
- G63. Clautice, D., Perlman, E. S., Sparks, W. B., et al.: *‘HST Polarimetry of the 3C 273 Jet’* – 2017, American Astronomical Society Meeting Abstracts, 229, 250.47
- G62. Migliori, G., Siemiginowska, A., Sobolewska, M., Loh, A., Corbel, S., Ostorero, L., Stawarz, L.: *‘The CSO PKS 1718-649 In Gamma-Rays With Fermi-LAT’* – 2016, Active Galactic Nuclei 12: A Multi-Messenger Perspective (AGN12), Napoli, Italy, 26-29 September 2016, id.60, 60
- G61. Tatischeff, V., et al. [for the e-ASTROGAM Team]: *‘The e-ASTROGAM gamma-ray space mission’* – 2016, Proceedings of the SPIE, Volume 9905, id. 99052N 11 pp.
- G60. Coppi, P. S., Saito, S., & Stawarz, L.: *‘Rapid Gamma-Ray and Optical Variability in Bright Fermi Blazars’* – In Proceedings of the AAS/High Energy Astrophysics Division meeting #15, id.106.01
- G59. Masters, A., Sulaiman, A., Sergis, N., Stawarz, L., Fujimoto, M., Coates, A. J., & Dougherty, M. K.: *‘Cassini Observations of Saturn’s High-Mach Number Bow Shock’* – In Proceedings of the American Geophysical Union, Ocean Sciences Meeting 2016, abstract SH22A-01
- G58. Mueller, C., Krauss, F., Kreikenbohm, A., Kadler, M., Ojha, R., Wilms, J., Markowitz, A., Pottschmidt, K., Stawarz, L., & Taylor, G.: *‘A redshifted Kalpha line from the peculiar gamma-ray source PMN J1603-4904’* – 2015, In Proc. The Extremes of Black Hole Accretion; 8-10 June, 2015 in Madrid, Spain; Id.105
- G57. Fukazawa, Y., Tokuda, S., Itoh, R., Tanaka, Y.T., Finke, J., Stawarz, L.: *‘Suzaku and Fermi Observations of Gamma-Ray Bright Radio Galaxies: Origin of the X-ray Emission and Broad-Band Modeling’* – 2014 Fermi Symposium proceedings - eConf C14102.1, arXiv:1504.01908
- G56. Harris, D.E., Hardcastle, M., Cheung, C.C., Croston, J., Massaro, F., Nulsen, P., Stawarz, L.: *‘3C 320: Second Cousin of Cygnus A’* – 2015, American Astronomical Society Meeting Abstracts, 225, #418.01
- G55. Bhatta, G., Ostrowski, M., Stawarz, L., et al.: *‘5-day photo-polarimetric WEBT Campaign on Blazar S5 0716+714 – a Study of Microvariability in Blazar’* – 2015, American Astronomical Society Meeting Abstracts, 225, #120.04

- G54. Stawarz, L.: ‘*Chandra Observations of FR II Radio Galaxies in Brightest Cluster Galaxies*’ – 2014, 15 Years of Science with Chandra, Chandra Science Symposium held 18-21 November, 2014 in Boston, MA., id.45
- G53. Stawarz, L.: ‘*Blazars Studied with the Suzaku X-ray Telescope*’ – in Proc. Suzaku-MAXI 2014: Expanding the Frontiers of the X-ray Universe, 19-22 February, 2014 (Ehime, Japan); eds. M. Ishida, R. Petre, and K. Mitsuda, 2014., p.294
- G52. Petrosian, V., Singal, J., & Stawarz, L.: ‘*Luminosity Correlations, Luminosity Evolutions, and Radio Loudness of AGNs from Multiwavelength Observations*’ – 2014, IAU Symposium, 304, 172
- G51. Petrosian, V., Singal, J., & Stawarz, L.: ‘*Luminosity-luminosity Correlations in Quasars: Intrinsic or Induced?*’ – 2013, AAS/High Energy Astrophysics Division, 13, #109.04
- G50. Siemiginowska, A., Guainazzi, M., Hardcastle, M., Kelly, B. C., Kunert-Bajraszewska, M., Migliori, G., Sobolewska, M., Stawarz, L.: ‘*What Did We Learn From Chandra, Xmm-Newton And Fermi-Lat About The High Energy Emission In Young Radio Sources?*’ – 2013, AAS/High Energy Astrophysics Division, 13, #111.04
- G49. Masters, A., Stawarz, L., Fujimoto, M., Schwartz, S., Sergis, N., Thomsen, M., Retino, A., Hasegawa, H., Zieger, B., Lewis, G., Coates, A., Canu, P., Dougherty, M.: ‘*Electron acceleration to relativistic energies at a strong quasi-parallel shock wave*’ – in Proc. EGU General Assembly 2013, 7-12 April, 2013. Vienna, Austria, id. EGU2013-6522
- G48. Hayashida, M., Stawarz, L., Cheung, C.C., Bechtol, K., Madejski, G.M.: ‘*Discovery of 100 MeV  $\gamma$ -ray Emission from Circinus Galaxy with Fermi-LAT*’ – 2013, International Cosmic Ray Conference, 1077
- G47. Masters, A., Stawarz, L., Fujimoto, M., et al.: ‘*Electron Acceleration to Relativistic Energies at a Strong Quasi-Parallel Shock Wave*’ – 2013, International Cosmic Ray Conference, 495
- G46. Sobolewska, M., Siemiginowska, A., Migliori, G., Stawarz, L., Jamroz, M., Evans, D., Cheung, C. C.: ‘*Nuclear X-ray properties of the peculiar radio-loud hidden AGN 4C+29.30*’ – in Proc. ‘Half a Century of X-ray Astronomy, 17-21 September, 2012, Mykonos Island, Greece, id.45
- G45. Hayashida, M., Madejski, G., Stawarz, L., Bechtol, K.: ‘*Fermi-LAT observations of radio-quiet Seyfert galaxies in the high-energy gamma-ray band*’ – in Proc ‘39th COSPAR Scientific Assembly’, 14-22 July 2012, Mysore, India. Abstract C0.4-21-12, p.732
- G44. Harris, D. E., Beilicke, M., Cheung, C.C., Colin, P., Horns, D., Lebohec, S., Massaro, F., Mazin, D., Mukherjee, R., Raue, M., **Stawarz, L.**, Wagner, R., & Wagner, S.: ‘*An Experiment to Locate the Site in M87 of TeV Flaring*’; 2012, International Journal of Modern Physics, 08, 348
- G43. Raue, M., **Stawarz, L.**, Mazin, D., Colin, P., Hui, C.M., Beilicke, M., McConville, M., Giroletti, M., Harris, D.E., Steele, I.A., & Walker, R.C.: ‘*The 2010 M87 VHE Flare and its Origin: the Multi-wavelength Picture*’; 2012, International Journal of Modern Physics, 08, 184
- G42. Stawarz, L.: ‘*On the High-Energy Non-Thermal Emission Generated in the Intracluster Medium*’ – in Proc. ‘Structure in Clusters and Groups of Galaxies in the Chandra Era; 2011 Chandra Science Workshop’, Boston MA (USA), July 12-14, 2011; eds J. Vrtilik and P.J. Green (published online at <http://xcx.harvard.edu/cdo/xclust11>, p.50)
- G41. Stawarz, L.: ‘*Radio-Quiet Versus Radio-Loud AGN: What Makes the Difference?*’ – in Proc. ‘Accretion and Ejection in AGN: a Global View’, Como (Italy), June 22-26, 2009; ASP Conference Series 427, p.357 (2010)
- G40. Siemiginowska, A., Czerny, B., Janiuk, A., Stawarz, L., Guainazzi, M., Celotti, A., Migliori, G., Tengstrand, O.: ‘*Intermittent Activity of Jets in AGN*’ – in Proc. ‘Accretion and Ejection in AGN: a Global View’, Como (Italy), June 22-26, 2009; ASP Conference Series 427, p.326 (2010)
- G39. Stawarz, L.: ‘*Extended Lobes as Sources of High Energy Particles and Radiation*’ – in Proc. The 2010 APS April Meeting 2010, Washington DC (USA), February 13-16, 2010;

- G38. Stawarz, L.: *‘Extragalactic Gamma-Ray Sources at Sub-milliarcsecond Scales – A Theoretical Perspective’* – in Proc. ‘American Astronomical Society Meeting 215’, Washington DC (USA), January 3-7, 2010; Bulletin of the American Astronomical Society 225.06
- G37. Stawarz, L.: *‘Particle Acceleration in Relativistic Plasma: What Can We Learn From Next Generation Ground-based Gamma-ray Experiments?’* – in Proc. ‘38th COSPAR Scientific Assembly’, Bremen (Germany), July 15-18, 2010; Symposium E, session 110, paper number E110-0017-10
- G36. Stawarz, L.: *‘AGN Variability Across the Electromagnetic Spectrum and Spatial Scales’* – in Proc. ‘38th COSPAR Scientific Assembly’, Bremen (Germany), July 15-18, 2010; Symposium E, session 11, paper number E11-0021-10
- G35. Cara, M., Perlman, E.S., Uchiyama, Y., Jester, S., Georganopoulos, M., Cheung, C.C., Sambruna, R.M., Sparks, W.B., Martel, A., O’Dea, C.P., Baum, S.A., Axon, D., Begelman, M., Worrall, D.M., Birkinshaw, M., Urry, C.M., Coppi, P., Stawarz, L.: *‘Polarimetry and the High-Energy Emission Mechanisms in Quasar Jets’* – in Proc. ‘The Monster’s Fiery Breath: Feedback in Galaxies, Groups, and Clusters’, Madison WI (USA), June 1-5, 2009; AIP Conference Proceedings, 1201, 162
- G34. Massaro, F., Harris, D.E., Cheung, C.C., Perlman, E.S., Sparks, W., Stawarz, L.: *‘X-ray Spectral Analyses of the M87 Jet’* – in Proc. ‘Chandra’s First Decade of Discovery’, Boston (USA), September 22-25, 2009; eds S. Wolk, A. Fruscione, and D. Swartz
- G33. Stawarz, L.: *‘Shock Versus Stochastic Acceleration of Ultrarelativistic Particles in Active Galaxies’* – in Proc. ‘TeV Particle Astrophysics 2009’, Menlo Park CA (USA), July 13-17, 2009; id.77
- G32. Stawarz, L.: *‘On the Energy Spectra of GeV/TeV Cosmic Ray Leptons’* – in Proc. ‘TeV Particle Astrophysics 2009’, Menlo Park CA (USA), July 13-17, 2009; id.52
- G31. Harris, D.E., Cheung, C.C., Stawarz, L.: *‘Variability Timescales in the M87 Jet: Signatures of E Squared Losses, Discovery of a Quasi-period in HST-1, and the Site of TeV Flaring’* – in Proc. ‘American Astronomical Society Meeting 213’, Long Beach (USA), January 4-8, 2009; AAS 21333207
- G30. Kneiske, T.M., Mannheim, K., Stawarz, L., Kataoka, J.: *‘Can the Extragalactic Gamma-ray Background be Explained by AGN?’* – in Proc. ‘4th International Meeting on High Energy Gamma-Ray Astronomy’, Heidelberg (Germany), July 7-11, 2008; AIP Conference Proceedings 1085, 510
- G29. Stawarz, L.: *‘A Role and a Structure of the Magnetic Field in Jets, Hotspots and Lobes of Radio Galaxies’* – in Proc. ‘Radio Galaxies in the Chandra Era’, Cambridge MA (USA), July 8-11, 2008
- G28. Stawarz, L., Ostorero, L., J., Begelman, M.C., Moderski, R., Kataoka, J., Wagner, S.: *‘Gamma-Ray Emission from Young Radio Galaxies’* – in Proc. ‘Extragalactic Jets: Theory and Observation from Radio to Gamma Ray’, Girdwood (USA), May 21-24, 2007; eds. T.A. Rector and D.S. De Young; ASP Proceedings Series, 386 (2008), 539
- G27. Cheung, C.C., Stawarz, L., Siemiginowska, A., Harris, D.E., Schwartz, D.A., Wardle, J.F.C., Gobbelle, D., Lee, N.P.: *‘The Highest Redshift Relativistic Jets’* – in Proc. ‘Extragalactic Jets: Theory and Observation from Radio to Gamma Ray’, Girdwood (USA), May 21-24, 2007; eds. T.A. Rector and D.S. De Young; ASP Proceedings Series, 386 (2008), 462
- G26. Stawarz, L., Sikora, M., Lasota, J.-P.: *‘Radio Loudness of AGNs: Host Galaxy Morphology and the Spin Paradigm’* – in Proc. ‘Extragalactic Jets: Theory and Observation from Radio to Gamma Ray’, Girdwood (USA), May 21-24, 2007; eds. T.A. Rector and D.S. De Young; ASP Proceedings Series, 386 (2008), 169
- G25. Cheung, C.C., Stawarz, L., Harris, D.E., Ostrowski, M.: *‘Electron Energy Distributions at Relativistic Shock Sites: Observational Constraints from the Cygnus A Hotspots’* – in Proc. ‘Extragalactic Jets: Theory and Observation from Radio to Gamma Ray’, Girdwood (USA), May 21-24, 2007; eds. T.A. Rector and D.S. De Young; ASP Proceedings Series, 386 (2008), 139
- G24. Jamrozy, M., Konar, C., Machalski, J., Mack, K.-H., Saikia, D.J., Siemiginowska, A., Stawarz, L.: *‘Recurrent Activity in Radio Galaxies’* – in Proc. ‘Extragalactic Jets: Theory and Observation from Radio to Gamma Ray’, Girdwood (USA), May 21-24, 2007; eds. T.A. Rector and D.S. De Young; ASP Proceedings Series, 386 (2008), 125

- G23. Siemiginowska, A., Harris, D.E., Aldcroft, T.L., Stawarz, L., Cheung, C.C., Sikora, M., Bechtold, J.: ‘*The Case of the 300 kpc Long X-ray Jet in PKS 1127-145 at  $z = 1.18$* ’ – in Proc. ‘Extragalactic Jets: Theory and Observation from Radio to Gamma Ray’, Girdwood (USA), May 21-24, 2007; eds. T.A. Rector and D.S. De Young; ASP Proceedings Series, 386 (2008), 115
- G22. Harris, D.E., Cheung, C.C., Stawarz, L., Biretta, J.A., Sparks, W., Perlman, E.S., Wilson, A.S.: ‘*The Continuing Saga of the Explosive Event(s) in the M87 Jet: Is M87 a Blazar?*’ – in Proc. ‘Extragalactic Jets: Theory and Observation from Radio to Gamma Ray’, Girdwood (USA), May 21-24, 2007; eds. T.A. Rector and D.S. De Young; ASP Proceedings Series, 386 (2008), 80
- G21. Cheung, C.C., Harris, D.E., Stawarz, L.: ‘*VLBA Monitoring of the M87 Jet During a Dramatic X-ray Outburst*’ – in Proc. ‘American Astronomical Society HEAD Meeting’, Los Angeles (USA), May 1-3, 2008; American Astronomical Society 10, 26.27
- G20. Harris, D.E., Cheung, C.C., Stawarz, L.: ‘*Comparing X-ray, Optical, and Radio Variability Timescales in the M87 Jet*’ – in Proc. ‘American Astronomical Society HEAD Meeting’, Los Angeles (USA), May 1-3, 2008; American Astronomical Society 10, 26.26
- G19. Harris, D.E., Cheung, C.C., Stawarz, L.: ‘*Variability Timescales in the M87 Jet*’ – in Proc. ‘American Astronomical Society Meeting 211’, Austin (USA), January 7-11, 2008; AAS 21110803
- G18. Saikia, D.J., Konar, C., Jamrozy, M., Machalski, J., Gupta, N., Stawarz, L., Mack, K.-H., Siemiginowska, A.: ‘*Epsiodic Activity in Radio Galaxies*’ – in Proc. ‘The Central Engine of Active Galactic Nuclei’, Xi’an (China), October 16-21, 2006; eds L.C. Ho and J.-M. Wang; ASP Conference Series vol. 373 (2007), 217
- G17. Stawarz, L., Kneiske, T.M., Kataoka, J.: ‘*Direct and reprocessed  $\gamma$ -ray emission of kpc-scale jets in FRI radio galaxies*’ – in Proc. ‘The First Glast Symposium’, Stanford (USA), January 5-8, 2007; eds S. Ritz, P. Michelson and C.A. Meegan; AIP Proceedings Series vol. 921 (2007), 363
- G16. Stawarz, L., Kirk, J.G.: ‘*Automatic quenching of high energy  $\gamma$ -ray sources by synchrotron photons*’ – in Proc. ‘The First Glast Symposium’, Stanford (USA), January 5-8, 2007; eds S. Ritz, P. Michelson and C.A. Meegan; AIP Proceedings Series vol. 921 (2007), 361
- G15. Schwartz, D.A., Harris, D.E., Landt, H., Siemiginowska, A., Perlman, E.S., Cheung, C.C., Gelbord, J.M., Worrall, D.M., Birkinshaw, M., Jorstad, S.G., Marscher, A.P., Stawarz, L.: ‘*Detailed Structure of the X-ray Jet in 4C 19.44 (=PKS 1354+195)*’ – in Proc. ‘Black Holes: from Stars to Galaxies’, Prague (Czechia), August 22-25, 2006; eds V. Karas and G. Matt; IAU Symp. No. 238, 443
- G14. Cheung, C.C., Harris, D.E., Stawarz, L.: ‘*Relativistic Ejections Associated with High-energy Outbursts in the M 87 Jet*’ – in Proc. ‘American Astronomical Society Meeting 209’, Seattle (USA), January 6-10, 2007; 2006, AAS 20923907
- G13. Harris, D.E., Stawarz, L., Cheung, C.C., Ostrowski, M.: ‘*Constraining Electron Spectra in the Hotspots of Cygnus A with Spitzer*’ – in Proc. ‘American Astronomical Society Meeting 209’, Seattle (USA), January 6-10, 2007; 2006, AAS 20923903
- G12. Cheung, C.C., Stawarz, L., Siemiginowska, A., Wardle, J.F., Lee, N.P., Harris, D.E., Schwartz, D.A.: ‘*Kiloparsec-scale Jets In The Highest-Redshift Quasars*’ – in Proc. ‘American Astronomical Society HEAD Meeting’, San Francisco (USA), October 4-7, 2006; American Astronomical Society 9, 9.04
- G11. Siemiginowska, A., Burke, D., Stawarz, L.: ‘*What Can We Learn From Quasars X-ray Jets?*’ – in Proc. ‘American Astronomical Society HEAD Meeting’, San Francisco (USA), October 4-7, 2006; American Astronomical Society 9, 7.07
- G10. Kataoka, J., Stawarz, L.: ‘*X-ray Emission Properties of Large Scale Jets, Hotspots and Lobes in Active Galactic Nuclei*’ – in Proc. ‘The X-ray Universe 2005’, El Escorial, Madrid (Spain), September 26-30, 2005; ed A. Wilson; ESA SP-604, Volume 2, Noordwijk: ESA Publications Division (2006), 633
- G9. Stawarz, L.: ‘*Radiative Processes In Extragalactic Large-Scale Jets*’ – in Proc. ‘Astrophysical Sources of High Energy Particles and Radiation’, Toruń (Poland), June 20-24, 2005; eds T. Bulik, G. Madejski and B. Rudak; AIP Proceedings Series vol. 801 (2005), 173



- G8. Stawarz, L., Ostrowski, M., Sikora, M., Siemiginowska, A.: ‘*Kiloparsec-Scale Jets in Nearby Galaxies as Possible Sources of High Energy  $\gamma$ -ray Emission*’ – in Proc. ‘High Energy Gamma-Ray Astronomy’, Heidelberg (Germany), July 26-30, 2004; eds F.A. Aharonian, H. Völk, and D. Horns; AIP Proceedings Series vol. 745 (2005), p. 545
- G7. Bałucińska-Church, M., Ostrowski, M., Stawarz, L., Church, M.J.: ‘*Substructure of the X-ray hotspots in Cygnus A*’ – in Proc. ‘High Energy Gamma-Ray Astronomy’, Heidelberg (Germany), July 26-30, 2004; eds F.A. Aharonian, H. Völk, and D. Horns; AIP Proceedings Series vol. 745 (2005), p. 540
- G6. Kataoka, J., Stawarz L.: ‘*Unifying X-ray Emission Properties of Large Scale Jets, Hotspots and Lobes in AGNs*’ – in Proc. ‘High Energy Gamma-Ray Astronomy’, Heidelberg (Germany), July 26-30, 2004; eds F.A. Aharonian, H. Völk, and D. Horns; AIP Proceedings Series vol. 745 (2005), p. 522
- G5. Stawarz L., Siemiginowska, A., Ostrowski, M., Sikora, M.: ‘*On the Magnetic Field in Kpc-Scale Jets of FR I Radio Galaxies*’ – in Proc. ‘22nd Texas Symposium on Relativistic Astrophysics’, Stanford (USA), December 13-17, 2004; (2005) eds P. Chen, E. Bloom, G. Madejski and V. Patrosian; p.475-479 (2005)
- G4. Stawarz L., Kataoka, J.: ‘*On the Magnetic Field in Quasar and FR II Large-Scale Jets*’ – in Proc. ‘22nd Texas Symposium on Relativistic Astrophysics’, Stanford (USA), December 13-17, 2004; eds P. Chen, E. Bloom, G. Madejski and V. Patrosian; p.471-474 (2005)
- G3. Stawarz, L., Ostrowski, M., Sikora, M.: ‘*VHE  $\gamma$ -rays From Extragalactic Large Scale Jets*’ – in Proc. ‘The 28th International Cosmic Ray Conference’, Tsukuba (Japan), July 31-August 7, 2003; Universal Academy Press Inc. (2003), p. 2643
- G2. Ostrowski, M., Stawarz, L.: ‘*On relativistic jet/counterjet asymmetry in the presence of radiating jet boundary layer*’ – in Proc. ‘X-ray Spectroscopy of AGN with Chandra and XMM-Newton’, Garching (Germany), December 3-6, 2001; MPE Report 279 (2002), p. 299
- G1. Ostrowski, M., Stawarz, L.: ‘*On particle acceleration in turbulent shear boundary layers of relativistic jets*’ – in Proc. ‘Blazars Astrophysics with BeppoSAX and other Observatories’, Frascati (Italy), December 10-11, 2001; eds. P. Giommi, E. Massaro, and G. Palumbo; ESA-ESRIN (2002), p. 271.