

Andrea Santangelo

List of invited, talks, seminars and lectures, and of publications in refereed Journals
(as of October 20, 2019)

Invited Seminars, Talk and Lectures [IL].

- IL-92 A. Santangelo
“enhanced X-ray Timing and Polarimetry - eXTP”
Invited Talk at Workshop Staubert’s 80th birthday, April 16-17, Tuebingen, Germany
- IL-91 A. Santangelo
“A new frontier of X-ray+ astrophysics: unveiling fundamental physics.”
Invited Seminar at IPMU, Kavli-Institute November 22, Tokyo Japan
- IL-90 A. Santangelo
“Accreting Pulsars with Insight-HXMT”
Invited Talk at “New eyes on X-ray astrophysical objects with Japanese and Chinese observatories” Workshop 2018, November 19-21, ISAS/JAXA, Tokio, Japan
- IL-89 A. Santangelo
“Fundamental Physics studies with X-ray spectral-timing-polarimetry: the eXTP mission”
Invited Colloquim at ECAP, Friedrich-Alexander University Erlangen-Nürnberg Erlangen, Germany, July 11, 2018.
- IL-88 A. Santangelo
“Fundamental Science and more with the enhanced X-ray Timing and Polarimetry mission”
Invited talk at Frontier research in Astrophysics III, Mondello (Palermo) Italy, May 28- June 2, 2018.
- IL-87 A. Santangelo
“First results from the HXMT mission”
Invited talk at Frontier research in Astrophysics III, Mondello (Palermo) Italy, May 28- June 2, 2018.
- IL-86 A. Santangelo
“X-rays in the context of cosmic ray science”
Invited talk at Sugar2018 Solvay workshop, Searching for the sources of galactic and extragalactic Cosmic Rays, Brussels, Belgium, January 23-26, 2018.
- IL-85 A. Santangelo
“TeV Gamma-ray emitters in our Galaxy”
Invited talk at Frascati Workshop 2017, The multifrequency behaviour of high-energy cosmic sources, Palermo, Italy, June 12-17, 2017.
- IL-84 A. Santangelo
“Future missions and instruments for X-ray astrophysics”
Invited seminar at the PRISMA detector laboratory University of Mainz, Mainz, Germany, May 11, 2017.
- IL-84 A. Santangelo

- “The next frontier of X-ray astrophysics: unveiling fundamental physics”
Invited seminar at the Institute of High Energy Physics of Chinese Academy of Sciences,
Beijing, China, March 31, 2017.
- IL-83 A. Santangelo
“Concluding Remarks”
Invited talk at High Throughput X-ray Astronomy in the eXTP Era,
Roma, Italy February 6-8, 2017.
- IL-82 A. Santangelo
“TeV Astrophysics in the eXTP era”
Invited talk at High Throughput X-ray Astronomy in the eXTP Era,
Roma, Italy February 6-8, 2017.
- IL-81 A. Santangelo
“Non solo luce: L’Universo delle Particelle, neutrini e raggi cosmici”
Invited Public talk at GAL HASSIN 2016,
Isnello, Italy, September 10, 2016.
- IL-80 A. Santangelo
“Searching for UHE particles from space: The EUSO Program”
Invited talk The Lake Baikal Three Messenger Conference,
Listvyanka Lake Baikal, Russia, August 28-September 3, 2016.
- IL-79 A. Santangelo
“The timing frontier and the eXTP mission”
Invited talk at Frontier research in Astrophysics II,
Mondello (Palermo) Italy, May 23-28, 2016.
- IL-78 A. Santangelo
“The timing frontier and the eXTP mission”
Invited talk at Frontier research in Astrophysics II,
Mondello (Palermo) Italy, May 23-28, 2016.
- IL-77 A. Santangelo
“Report for XIPE WG2 on compact objects”
Invited talk at First XIPE science meeting,
Valencia Spain, May 24-26, 2016.
- IL-76 A. Santangelo
“Accreting X-ray pulsars Do we really understand what they are?”
Invited talk at Black Holes and friends 2016,
Fudan University
Shanghai, April 11, 2016.
- IL-75 A. Santangelo
“Internazionalisation or „brain drain“: Tübingen and the South of Germany”
Invited seminar at EXPO Milano, Italy,
Milano, Italy, October 20, 2015.
- IL-74 A. Santangelo
“The science, experimental and programmatic case of the JEM-EUSO program”
Invited seminar at the Physics department of the University of Gent,
Gent, Belgium, May 22, 2015.
- IL-73 A. Santangelo
“Exploring the UHE Universe from Space: the science and experimental case of the
JEM-EUSO mission”

Invited seminar at the The Centre Spatial de Liège (CSL),
Liège, Belgium, October 10, 2014

- IL-72 A. Santangelo
“The JEM-EUSO mission (or better status of)”
Invited talk at Frontiers Objects in Astrophysics and Particle Physics,
Vulcano, Italy, May 18-25, 2014.
- IL-71 A. Santangelo
“X-ray Astronomy in Tübingen and the World”
Invited talk at Kepler Center for Astro and Particle Physics Tübingen “on the occasion of
Rüdiger Staubert’s 75th Birthday,
Tübingen, Germany April, 4, 2014.
- IL-70 A. Santangelo
“Exploring the UHE Universe from Space: the science and experimental case of the
JEM-EUSO mission”
Invited seminar at the Institute of Space Science Bucharest,
Bucharest, Romania, April, 1-2, 2014.
- IL-69 A. Santangelo
“Exploring the UHE Universe from Space”
Invited Plenary talk at “9th International Conference on Sub-atomic Physics and Applications”
Constantine Algeria, September 30 - October 2. 2013.
- IL-68 A. Santangelo
“X-ray Astronomy: A note on history, a look into the future”
Invited Plenary talk at “Waves and Particles: Multi-Messengers from the Universe”
Annual Meeting of the Astronomische Gesellschaft – 150th Anniversary,
September 24-27, 2013.
- IL-67 A. Santangelo
“Messengers from Heaven: Exploring the frontiers of the Universe”
Invited seminar at 10 Years Anniversary Double Degree in Physics University of Trento –
University of Tübingen,
Trento, Italy, July 24, 2013.
- IL-66 A. Santangelo
“VHE Astrophysics: a (partial) review”
Invited talk at Frascati Workshop 2013: Multifrequency behavior of High Energy Cosmic
Sources,
Palermo, Italy, May 27 - June 1, 2013.
- IL-65 A. Santangelo
“The JEM-EUSO mission; the instrument and its pathfinders”
Invited seminar at Centre National des Techniques Spatiales,
Arzew, Algeria, February 3, 2013.
- IL-63, 64 A. Santangelo
Two invited lectures on: “The JEM-EUSO mission and its pathfinders”
“X-ray Astrophysics The new frontiers”
Invited at 5th School on Cosmic Rays and Astrophysics,
Universidad Mayor de San Andres, La Paz, Bolivia, August 22-31, 2012.
- IL-62 A. Santangelo
“X-ray astronomy: a look back and into the (near) future”
Invited seminar at 100 Years Cosmic Rays – Anniversary of Their Discovery by V. F. Hess,
Die Bühne, Bad Saarow/pieskow, Germany, August 5-8, 2012.

- IL-61 A. Santangelo
 “Exploring the Ultra High Energy Universe from space”
 Invited seminar at TU München,
 TU München, February 6, 2012.
- IL-60 A. Santangelo
 “Ultra High Energy Neutrinos with JEM-EUSO”
 Invited talk at Very Large Neutrino Telescopes 2011,
 Erlangen-Nürnberg, October 12-14, 2011.
- IL-59 A. Santangelo
 “Exploring the Ultra High Energy Universe with the JEM-EUSO mission”
 Invited seminar at the Université de Liège, IFAP, Institut d’Astrophysique et Géophysique,
 Liège, October 4, 2011.
- IL-58 A. Santangelo
 “The JEM-EUSO mission”
 Invited talk at the 8th Fluorescence Workshop,
 Karlsruhe, September 12, 2011.
- IL-57 A. Santangelo
 “Exploring the Ultra High Energy Universe with the JEM-EUSO mission”
 Invited seminar at the Joint Particle and Astroparticle Physics Seminar of Heidelberg,
 Tübingen and KIT, Karlsruhe, June 28, 2011.
- IL-56 A. Santangelo
 “New Views on Accreting X-ray Pulsars, a brief review of recent results”
 Review talk at the MAXI International Symposium,
 Tokyo, Japan, November 30- December 3, 2010.
- IL-55 A. Santangelo
 “Space based research of the High and Ultra-High Energy Universe”
 Invited Talk at the Graduate Day of the Eurograd and Kepler Center Graduate Schools,
 Tübingen, Germany, November 19, 2010.
- IL-54 A. Santangelo
 “Status of the JEM-EUSO mission: Unveiling the UHE Universe from space”
 Invited seminar at the ICATPP Conference on Cosmic Rays for Particle and Astroparticle,
 Physics” Villa Olmo, Como, Italy, October 7-8, 2010.
- IL-53 A. Santangelo
 “Particle Astrophysics of the UHE Universe”
 Invited lecture at the “32nd course of the International School of Nuclear Physics”
 Erice, Italy, September 16-24, 2010.
- IL-50, 51, 52 A. Santangelo
 Three invited lectures on:
 “Techniques for TeV - PeV Astrophysics”
 “H.E.S.S.: the Highlights. A brief tour on HESS astrophysics”
 “Exploring the UHE Universe from Space”
 4th School on Cosmic Rays and Astrophysics, Universidad Federal ABC,
 Santo Andre, Sao Paulo, Brazil, September 2010.
- IL-49 A. Santangelo
 “The making of a dream: the history of the space based observation of the UHE Universe”
 Invited talk at the International Symposium in memory of Prof. Yoshi Takahashi,
 Huntsville (US), June 14, 2010.

- IL-48 A. Santangelo
 “Space Based Observation of the Ultra High Energy Universe”
 Invited seminar at the Institute of Experimental Physics, Slovak Academy of Science, Sefarik University,
 Kosice, June 14, 2010.
- IL-47 A. Santangelo
 “Space Based Observation of the UHE Universe”
 Invited talk at the International Workshop, Vulcano - 2010, Frontier Objects in Astrophysics and Astroparticle Physics,
 Vulcano, May 25th, 2010.
- IL-46 A. Santangelo
 “Accreting X-ray Pulsars: recent findings, open questions”
 Invited talk at the International Workshop “The many faces of Accreting Pulsars”
 Tübingen, March 29th, 2010.
- IL-45 A. Santangelo
 “Observation of UHE Cosmic Rays from Space”,
 Invited talk at National Workshop Astroteilchenphysik in Deutschland: Status und Perspektiven,
 DESY, Zeuthen, February 26th, 2010.
- IL-44 A. Santangelo
 “Astrophysics at High, Very High and Ultra High Energies”
 Invited lecture at the Physics Faculty of Saitama University,
 Saitama, Japan, February 8th, 2010.
- IL-43 A. Santangelo
 “Accreting X-ray Pulsars: a brief review of recent results”
 Invited seminar at Nicolaus Copernicus Astronomical Center,
 Warsaw, Poland, January 27th, 2010.
- IL-42 A. Santangelo
 “The JEM-EUSO Mission- Unveiling the Universe at ultra high energies”
 Invited seminar at Polish Space Research Center, Polish Academy of Science,
 Warsaw, Poland, January 26th, 2010.
- IL-41 A. Santangelo
 “Recent views on Accreting X-ray Pulsars”
 Invited seminar at the Institute of Advanced Studies of RIKEN,
 RIKEN, Wako, Japan, December 10th, 2009.
- IL-40 A. Santangelo
 “The Science Case of the JEM-EUSO Mission- Unveiling the Universe at ultra high energies”
 Invited talk at the International Symposium “TOURS 2009”,
 Kobe, Japan, November 18th, 2009.
- IL-39 A. Santangelo
 “Space based studies of UHE Neutrinos”
 Invited lecture at the “31st course of International School of Nuclear Physics”,
 Erice, Italy, September 16-24, 2009.
- IL-38 A. Santangelo
 “Flavors of the Extreme Universe Space Observatory (EUSO) The JEM-EUSO and S-EUSO missions”, Invited talk at the 2008
 Invited at International Workshop “Frontier Objects in Astrophysics and Astroparticle Physics”,
 Vulcano, Italy, May, 2008.

- IL-37 A. Santangelo
 “Symbol-X science case”
 Invited talk at the “2008 MPE Ringberg meeting”,
 Ringberg Castle, Germany, February 12th, 2008.
- IL-36 A. Santangelo
 “Gamma Ray and UHECR Observations from space”
 Invited lecture at the “400. Heraeus Seminar”,
 Bad Honnef, Germany, February 12th, 2008.
- IL-35 A. Santangelo
 “TeV Astrophysics in the H.E.S.S. I&II Era (...and beyond)”
 Invited talk at the “Seminar of the Kepler Center”,
 Tübingen, Germany, December 12th, 2007.
- IL-34 A. Santangelo
 “Livio Scarsi, a brief recollection note”
 Invited lecture at the International Symposium “High Energy in Space”,
 Palermo, Italy, October 11th, 2007.
- IL-33 A. Santangelo
 “UHECR and Neutrinos from Space, The many flavors of the Extreme Universe Space
 Observatory- EUSO”
 Invited talk at the International Workshop “5th Fluorescence Workshop”,
 El Escorial- Madrid, Spain, September 17th, 2007.
- IL-32 A. Santangelo
 “The H.E.S.S. view of our Galaxy”
 Invited talk at “Congresso Nazionale Oggetti Compatti 2007”,
 San Vito lo Capo, Italy, September 14th, 2007.
- IL-31 A. Santangelo
 “Highlights from H.E.S.S.: A Review one year after”
 Invited talk at the International Workshop “Multifrequency Behavior of High Energy Cosmic
 Sources”,
 Vulcano, Italy, May 2007.
- IL-30 A. Santangelo
 “Broad Band continuum and Cyclotron Scattering Features in the Spectra of Accreting X-ray
 Pulsars”
 Invited talk at “Symbol-X: the hard X-ray Universe in focus”, International Workshop,
 Bologna, Italy, May 15th, 2007.
- IL-29 A. Santangelo
 “The BeppoSAX view of accreting Pulsars”
 Invited lecture at the ISSI Workshop on “Cyclotron lines”,
 Bern, Switzerland, March 18th, 2007.
- IL-28 A. Santangelo
 “The keV – TeV Connection eRosita, Simbol X and the others... X-ray Observatories in the
 CTA era”
 Invited talk at the Workshop “Towards a CTA FP7 Design Study”,
 Paris, March 1st, 2007.
- IL-27 A. Santangelo
 “Observatories of a multi-messenger approach to the (Very?) High Energy Universe”

Invited talk at the III meeting of the HEAPNET network,
Amsterdam, The Netherlands, 19-20 February, 2007.

- IL-26 A. Santangelo
“The search from space of Ultra High Energy Neutrinos (and Cosmic Rays)-
EUSO, JEM-EUSO and beyond...”
Kolloquium at Konan University, Kobe,
January 26, 2007.
- IL-25 A. Santangelo
“eRosita, Simbol X and the others...X-ray Observatories in the CTA era”
Invited talk at “CTA Physics Working Group II meeting”,
Utrecht, The Netherlands, Nov. 6-7, 2006.
- IL-24 A. Santangelo
“Ultra High Energy studies from Space- The quest for Ultra High Energy Neutrinos and Cosmic
Rays”, DLR Kolloquium
Bonn, Germany, Januar 25th, 2006.
- IL-23 A. Santangelo
“The TeV Sky with H.E.S.S: and beyond”
Invited lecture at “2nd International School on Cosmic Rays and Astrophysics 2006”,
Puebla de Los Angeles, Mexico, August, 2006.
- IL-22 A. Santangelo
“Unveiling a new face of the Universe: the Search for Ultra High Energy Neutrinos and Cosmic
Rays from Space”
Invited lecture at “2nd International School on Cosmic Rays and Astrophysics 2006”,
Puebla de Los Angeles, Mexico, August, 2006.
- IL-21 A. Santangelo
“Ultra High Energy Studies in the Cosmic Vision Program of ESA”
Invited at International Workshop “The UHE Universe: a Vision for the next decade”, Villa
Mondragone, Frascati, Italy, May 2006.
- IL-20 A. Santangelo
“The TeV sky with H.E.S.S.: A Review”
Invited at International Workshop “Frontier Objects in Astrophysics and Astroparticle Physics”,
Vulcano, Italy, May 2006.
- IL-19 A. Santangelo
“High Mass X-ray Binary Pulsars: a brief Review at Hard X-Rays”
Invited at International Conference “The Transient Milky Way: a perspective for MIRAX”,
INPE, San Jose dos Campos, Brazil, December 2005.
- IL-18 A. Santangelo
“Searching for Ultra High Energy Neutrinos (...and UHECRs) from space”
Invited lecture at “27th Course of International School of Nuclear Physics”,
Erice, Italy, September 16-24 2005.
- IL-17 A. Santangelo
“The Quest for UHE Cosmic Rays and Neutrinos from Space”,
Invited lecture at “XLth Rencontres de Moriond, Very High Energy Phenomena in the Universe,
Le Thuile, Italy, 13th March 2005.
- IL-16 A. Santangelo
“Toward a Joint Research Activity for Space-based High Energy Astroparticle?”
Invited talk at International Workshop “High Energy Astroparticle Physics European Network”,

CNRS, Paris, France, 17th December 2004.

- IL-15 A. Santangelo
“Prospettive Future per la ricerca sui Raggi Cosmici”
Invited talk at International Workshop “Giuseppe Occhialini: Arcetri e I Raggi Cosmici”,
Osservatorio di Arcetri, Firenze, 6th December 2004.
- IL-14 A. Santangelo
“The Search for Cyclotron Resonant Scattering Harmonics in the Hard Spectra of Accreting Pulsars”
Invited talk at International Workshop “Ruediger Staubert 65th Birthday: Topics in X-ray Astronomy”, IAAT, Tuebingen, Germany, 22-25 February 2004.
- IL-13 A. Santangelo
“The EUSO Mission and the quest for Extreme Energy Cosmic Rays and Neutrinos”
Invited at International Conference “Modelling the Intergalactic and Intracluster Media”,
Vulcano, Italy, October 1-4 2003.
- IL-12 A. Santangelo
“Recent views on Broad Band X-ray spectra of accreting pulsars”
Invited at IAAT,
Universität Tübingen, Germany, July 17th 2003.
- IL-11 A. Santangelo & T. Di Salvo
“Recent views on hard X-ray spectra of binary sources”
Invited at International Symposium “The Restless High energy Universe”,
Amsterdam, the Netherlands, May 5-8, 2003.
- IL-10 A. Santangelo
“The Extreme Universe Space Observatory- EUSO”
Invited at International School of Astrophysics “D. Chalonge”, 9th Course on
“Astrofundamental Physics”,
Palermo, Italy, 22nd September 2002.
- IL-9 A. Santangelo
“Systematics and Background of the EUSO Mission”
Invited at International Workshop “First International Workshop on Air Fluorescence-FIWAF”,
Salt Lake City, Utah, US, October 5-8 2002.
- IL-8 A. Santangelo
“Astroparticles at IASF”
First Meeting of the IASF-CNR Scientific Council,
Roma, Italy, September 12th, 2002.
- IL-7 A. Santangelo,
“Accreting Pulsars with BeppoSAX”
Invited at International Workshop “Recent Progress in Understanding X-ray pulsars”,
Tuebingen, Germany, July 1-2, 2002.
- IL-6 A. Santangelo
“BeppoSAX: six years of exciting life doing X-ray Astronomy”
SIF 2002, Società Italiana di Fisica General Assembly 2002,
Alghero, Italy, September 20-24, 2002.
- IL-5 A. Santangelo
“Hard X-ray Emission from Accreting Pulsars in the BeppoSAX and RXTE Era”
CNOC 2, Second National Workshop “Conferenza Nazionale Oggetti Compatti”,

Bologna, Italy, September 19-21, 2001.

- IL-4 A. Santangelo
“New scenarios on accreting compact galactic sources after BeppoSAX”
SIF 2001, Società Italiana di Fisica General Assembly 2001,
Milano Bicocca, Milano, Italy, September 24-28, 2001.
- IL-3 A. Santangelo
“The BeppoSAX view of the Hard X-ray Sky”
Gamow Memorial International Conference (GMIC-99),
Odessa, Ucraina, August 16-27, 1999.
- IL- 2 A. Santangelo
“High Pressure Gas Scintillation Proportional Counter (HPGSPC) on-board the BeppoSAX
Satellite”
Invited at Workshop “Science with BeppoSAX- results of the Science Verification Phase”,
Consiglio Nazionale delle Ricerche, Roma, Italy, January 21, 1997.
- IL-1 A. Santangelo
“The High Pressure Gas Scintillation Proportional Counter of BeppoSAX”
Invited at Workshop “Science with BeppoSAX- results of the Science Verification Phase”, SIF
1996,
Società Italiana di Fisica General Assembly 1996,
Verona, Italy, September 24-28, 1996.

Publications on refereed journals together with others of recognized international relevance (e.g., refereed Proceedings of SPIE, Nuclear Physics B, Advances in Space Research, ESA Publications)

In addition, I am first or co-author of about 250 articles in Proceedings of Conferences, or similar (ATELs, archive papers...). They are not included in the list below.

The main research lines of my publications include: 1) Instrumentation and mission for space missions; 2) Analysis and modelling of astrophysical sources; 3) Experimental developments for ground based VHE astronomy; 4) Experimental developments for UHE astrophysics.

- RP-480 G. Abdellaoui ... **A. Santangelo** ... and 312 coauthors (JEM-EUSO collaboration)
“Ultra-violet imaging of the night-time earth by EUSO-Balloon towards space-based ultra-high energy cosmic ray observations”
Aph, 111, p.54 (2019)
- RP-479 A. Acharyya, ... **A. Santangelo** ... and 468 coauthors
“Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout”
Aph, 111, p.35 (2019)
- RP-478 S. Sailer, ... **A. Santangelo** ... and 34 coauthors
“Trigger performance verification of the FlashCam prototype camera”
NIMA, 936, p.392 (2019)
- RP-477 F. Fuschino, ... **A. Santangelo** ... and 42 coauthors
“HERMES: An ultra-wide band X and gamma-ray transient monitor on board a nano-satellite constellation”
NIMA, 936, p.199 (2019)
- RP-476 H. Abdallah, ... **A. Santangelo** ... and 223 coauthors (the **HESS** collaboration)
“H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830-211”
MNRAS, 486, 3, p.3886 (2019)
- RP-475 Y. Zhang, ... **A. Santangelo**... and 109 Coauthors
“Insight-HXMT Observations of Swift J0243.6+6124 during Its 2017–2018 Outburst”,
ApJ, 879, 1, 61 (2019)
- RP-474 L. Ducci, S. Mereghetti, A. Santangelo,
“Awakening of the Fast-spinning Accreting Be/X-Ray Pulsar A0538–66”
ApJ Letters, 881, 1, L17, (2019)
- RP-473 D. Malyshev, M. Chernyakova, A. Santangelo, G. Pühlhofer,
“Decade-long X-ray observations of HESS J0632+057”
Astronomische Nachrichten, Volume 340, Issue 6, pp. 465-474 (2019)
- RP-472 H. Abdallah, ... **A. Santangelo** ... and 224 coauthors (the **HESS** collaboration)
“Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE γ -ray observations with H.E.S.S.”
A&A, 627, A159, 19 (2019)
- RP-471 H. Abdallah, ... **A. Santangelo** ... and 222 coauthors (the **HESS** collaboration)
“H.E.S.S. and Suzaku observations of the Vela X pulsar wind nebula”

- A&A, 627, A100, 16 (2019)
- RP-470 H. Abdallah, ... **A. Santangelo** ... and 223 coauthors (the **HESS** collaboration)
VizieR Online Data Catalog: HESS and Suzaku observations of Vela X (HESS Coll+, 2019)
Originally published in:
2019A&A, 627A.100H, (2019)
- RP-469 H. Abdallah, ... **A. Santangelo** ... and 222 coauthors (the **HESS** collaboration)
“Upper limits on very-high-energy gamma-ray emission from core-collapse supernovae observed with H.E.S.S.”
A&A, 626, A57, 11 (2019)
- RP-468 L. Ji, R. Staubert, A. Santangelo,
“Long-term evolutions of the cyclotron line energies in Her X-1, Vela X-1, and Cen X-3 observed with Swift/Bat”
MNRAS, 484, 3, p.3797, (2019)
- RP-467 L. Ducci, S. Mereghetti, K. Hrynkevicz, Kretschmar, A. Santangelo, P. Romano,
“Exploring the role of X-ray reprocessing and irradiation in the anomalous bright optical Outbursts of A0538-66”
A&A, 624, A9 (2019)
- RP-466 R. Staubert, J. Trümper, E. Kendziorra, D. Klochkov, K. Postnov, P. Kretschmar, K. Pottschmidt, F. Haberl, R. E. Rothschild, A. Santangelo, J. Wilms, I. Kreykenbohm, F. Fürst,
“Cyclotron lines in highly magnetized neutron stars”
A&A, 622, A61 (2019)
- RP-465 L. Ji, A. Santangelo, S. Zhang, V. Doroshenko, V. Suleimanov, L. Ducci, P. Kretschmar, R. Doroshenko,
“Spectral and timing analysis of the bursting pulsar GRO J1744-28 with RXTE observations”
MNRAS, 482, 1, p.1110, (2019)
- RP-464 S. M. Mazzola, R. Iaria, T. Di Salvo, M. Del Santo, A. Sanna, A. F. Gambino, A. Riggio, A. Segreto, L. Burderi, A. Santangelo, N. D'Amico,
“A broadband spectral analysis of 4U 1702-429 using XMM-Newton and BeppoSAX data”
A&A, 621, A89 (2019)
- RP-463 M. Sasaki, M.M. Mäkelä, D. Klochkov, A. Santangelo and v. Suleimanov
“Infrared and X-ray study of the Galactic SNR G15.9+0.2”
MNRAS, 479, p.3033, (2018).
- RP-462 J. J. M. in't Zand, ... **A. Santangelo**... and 182 Coauthors
“Observatory science with eXTP”,
Science China Physics, Mechanics & Astronomy, 62, 42, (2019).
- RP-461 A. Santangelo
“Editorial”
Science China Physics, Mechanics & Astronomy, 62,2, 2,(2019).
- RP-460 A. Santangelo, S. Zane and 38 Coauthors
“Physics and astrophysics of strong magnetic field systems with eXTP”
Science China Physics, Mechanics & Astronomy, 62, 29, (2019).
- RP-459 Anna L. Watts, ... **A. Santangelo**... and 74 Coauthors
“Dense matter with eXTP”,
Science China Physics, Mechanics & Astronomy, 62, 17 (2019).
- RP-458 L. Ji, R. Staubert, L. Ducci, A. Santangelo, S. Zhang and Z. Chang

- “Long-term evolutions of the cyclotron line energies in Her X-1, Vela X-1 and Cen X-3 as observed with Swift/BAT”
MNRAS, Advance Access, (2019).
- RP-457 L. Ducci, C. Malacaria, P. Romano, L. Ji, E. Bozzo, I. Saathoff, A. Santangelo and A. Udalski
“X-ray and optical monitoring of the December 2017 outburst of the Be/X-ray binary AX J0049.4-7323”
A&A, 621, A94, 8 , (2019).
- RP-456 L. Ji, A. Santangelo, S. Zhang, V. Doroshenko, V. Suleimanov, L. Ducci, P. Kretschmar, R. Doroshenko
“Spectral and timing analysis of the bursting pulsar GRO J1744-28 with RXTE observations”
MNRAS, 482,1110, (2019).
- RP-455 H. Abdalla, ... **A. Santangelo** ... and 232 coauthors
“VHE γ -ray discovery and multiwavelength study of the blazar 1ES 2322-409”
MNRAS, 482, 3011, (2019).
- RP-454 A. de Rosa, **A. Santangelo** ... and 99 coauthors
“Accretion in strong field gravity with eXTP”
Science China Physics, Mechanics & Astronomy, 62, 2, (2019).
- RP-453 S. Zhang, **A. Santangelo** ... and 151 coauthors
“The enhanced X-ray Timing and Polarimetry mission—eXTP”
Science China Physics, Mechanics & Astronomy,62,2, 25,(2019).
- RP-452 H. Abdalla, ... **A. Santangelo** ... and 227 coauthors
“The 2014 TeV γ -Ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation”
The ApJ,870,2, 93, (2019).
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