

ADVANCES IN SPACE RESEARCH (ASR)

RUNNING LIST OF RECENTLY OR SOON TO BE PUBLISHED SPECIAL ISSUES

Last update: 19 September 2024

| Issue/ Date | Title | Guest Editor(s) |
|------------------------|--|---|
| 74/09 01 Nov. 2024 | Progress in Cosmic Ray Astrophysics | Igor V. Moskalenko and Eun-Suk Seo |
| 74/06 15 Sept. 2024 | Global Navigation Satellite Systems: Recent Scientific Advances | Elisa Felicitas Arias, Paride Testani |
| 73/11 01 June 2024 | Recent Advances in Satellite Constellations and Formations | Margaret Ann Shea |
| 73/07 01 April 2024 | Recent advances in equatorial, low- and mid-latitude mesosphere, thermosphere and ionosphere studies | Venkatesh Kavutarapu and Michael Pezzopane |
| 73/04 15 Feb. 2024 | Synergistic Use of Remote Sensing Data and In-Situ Investigations to Reveal the Hidden Secrets of the Moon | Shashi Kumar and Anil Kumar |
| 73/02 15 Jan. 2024 | Parameter Retrieval and Applications with Imaging Spectroscopy Data from AVIRIS-NG | Bimal Kumar Bhattacharya and Himanshu Govil |
| 72/12 15 Dec. 2023 | COSPAR Space Weather Roadmap 2022-2024: Scientific Research and Applications | Mario M. Bisi and Margaret Ann Shea |
| 72/07 01 Oct. 2023 | Space Environment Management and Space Sustainability | Massimiliano Vasile |
| 72/03 01 Aug 2023 | Space and Geophysical Observations and Recent Results Related to the African Continent | Andrew Akala and Chigomezoyo Ngwira |
| 72/01 01 July 2023 | New Results from DORIS for Science and Society | D. Dettmering and E.J.O. Schrama |
| 71/09 01 May 2023 | Application of Artificial Intelligence in Tracking Control and Synchronization of Spacecraft | Hadi Jahanshahi and Oscar Castillo |
| 71/07 01 April 2023 | Recent Advances in Space Research in Monitoring Sustainable Development Goals | Bülent Bayram |

| | | |
|------------------------|---|---|
| 71/04 15 Feb. 2023 | Recent Progress in the Physics of the Sun and Heliosphere | Istvan Ballai and Eduard P. Kontar |
| 71/02 15 Jan. 2023 | Astrophysical Spectroscopy and Atomic Data Applications | Milan S. Dimitrijević and Vladimir A. Srećković |
| 70/12 15 Dec. 2022 | Advances in Spaceborne SAR Remote Sensing for Characterization of Natural and Manmade Features – Part 2 | Edited by Shashi Kumar, Himanshu Govil |
| 70/09 01 Nov. 2022 | Astrophysics of Cosmic Rays | Igor V. Moskalenko, Eun-Suk Seo |
| 70/06 15 Sept. 2022 | Magnetic Flux Ropes in Solar Environments | Cristina H. Mandrini and Brigitte Schmieder |
| 69/04 15 Feb. 2022 | Advances in Spaceborne SAR Remote Sensing for Characterization of Natural and Manmade Features – Part 1 | Shashi Kumar and Himanshu Govil |
| 68/12 15 Dec. 2021 | Scientific and Fundamental Aspects of GNSS – Part 2 | Felicitas Arias and Roberto Prieto Cerdeira |
| 68/05 01 Sept. 2021 | International Reference Ionosphere – Progress and New Inputs | Dieter Bilitza and Bodo W. Reinisch |
| 68/02 15 July 2022 | 25 Years of Progress in Radar Altimetry | Jérôme Benveniste and Pascal Bonnefond |
| 67/11 01 June 2021 | Satellite Constellations and Formation Flying | Massimiliano Vasile |
| 67/09 01 May 2021 | Solar Sailing: Concepts, Technology, and Missions II | Roman Kezerashvili and Bernd Dachwald |
| 66/12 15 Dec. 2020 | Scientific and Fundamental Aspects of GNSS - Part 1 | Felicitas Arias and Roberto Prieto Cerdeira |
| 66/05 01 Sept. 2020 | Nova Eruptions, Cataclysmic Variables and Related Systems: Challenges in the 2020 Era | Şölen Balman |
| 66/01 01 July 2020 | Advances in Small Satellites for Space Science | Loren C. Chang and Amal Chandran |
| 65/09 01 May 2020 | Magnetosphere, Ionosphere and their Connection to Space Weather | Sergio Dasso and M.A. Shea |
| 65/06 15 Mar. 2020 | Recent Results on Solar and Heliospheric Phenomena Affecting Earth | Cristina Mandrini and Hebe Cremades |

| | | |
|------------------------|--|--|
| 64/12 15 Dec. 2019 | Advances in Cosmic-Ray Astrophysics and Related Areas | Igor Moskalkenko and Eun-Suk Seo |
| 64/10 15 Nov. 2019 | Variability and Coupling of the Equatorial, Low- and Mid-Latitude Mesosphere, Thermosphere and Ionosphere: Latest Developments of Monitoring and Modeling Techniques | Michael Pezzopane and Venkatesh Kavutarapu |
| 63/09 01 May 2019 | Multi-GNSS: Methods, Benefits, Challenges, and Geosciences Applications | Xingxing Li and Jing Guo |
| 63/06 15 Mar. 2019 | Evaluating IRI Performance | Dieter Bilitza and Bodo W. Reinisch |
| 63/04 15 Feb. 2019 | Solar Physics Advances from the Interior to the Heliosphere | Manolis K. Georgoulis and Eduard P. Kontar |
| 62/12 15 Dec. 2018 | Advances in Technologies, Missions and Applications of Small Satellites | Paolo Tortora and Roger Walker |
| 62/10 15 Nov. 2018 | Origins of Cosmic Rays | Igor V Moskalkenko and Eun-Suk Seo |
| 62/08 15 Oct. 2018 | Past, Present and Future of Small Body Science and Exploration | E. Palomba and M.A. Shea |
| 62/06 15 Sept. 2018 | The CryoSat Satellite Altimetry Mission: Eight Years of Scientific Exploitation | M.A. Shea |
| 61/07 01 Apr. 2018 | Studies on Mesosphere, Thermosphere and Ionosphere from Equatorial to Mid Latitudes – Recent Investigations and Improvements – Part 2 | Michael Pezzopane and Venkatesh Kavutarapu |
| 61/02 15 Jan. 2018 | MHD Wave Phenomena in the Solar Interior and Atmosphere | Viktor Fedun and Abhishek K. Srivastava |
| 60/12 15 Dec. 2017 | BDS/GNSS+: Recent Progress and New Applications - Part 2 | Shuanggen Jin |
| 60/08 15 Oct. 2017 | Studies on Mesosphere, Thermosphere and Ionosphere from Equatorial to Mid Latitudes - Recent Investigations and Improvements - Part 1 | Venkatesh Kavutarapu and Michael Pezzopane |
| 60/04 15 Aug. 2017 | Solar Energetic Particles, Solar Modulation and Space Radiation: New Opportunities in the AMS-02 Era | M.A. Shea |
| 60/02 15 July 2017 | The International Reference Ionosphere at Equatorial Latitudes | Bodo W. Reinisch and Dieter Bilitza |
| 59/11 01 June 2017 | High-rate GNSS: Theory, Methods, and Engineering/Geophysical Applications | Peiliang Xu |

| | | |
|------------------------|--|----------------------------------|
| 59/03 01 Feb. 2017 | BDS/GNSS+: Recent Progress and New Applications - Part 1 | Shuanggen Jin |
| 58/12 15 Dec. 2016 | Scientific Applications of DORIS in Space Geodesy | F. G. Lemoine and E.J.O. Schrama |
| 58/10 15 Nov. 2016 | Space and Geophysical Research related to Latin America - Part 2 | Blanca Mendoza and M.A. Shea |
| 58/08 15 Oct. 2016 | Solar Dynamo Frontiers | Mark S. Miesch |
| 58/05 01 Sept. 2016 | X-ray Emission from Hot Stars and their Winds | Lidia M. Oskinova |
| 58/02 15 July 2016 | Plasma Transport Across Magnetospheric Boundaries | Zdenek Němeček and M. A Shea |
| 57/08 15 April 2016 | Advances in Asteroid and Space Debris Science and Technology - Part 2 | Massimiliano Vasile |
| 57/06 15 March 2016 | Space and Geophysical Research Related to Latin America - Part 1 | Blanca Mendoza |
| 56/09 01 Nov. 2015 | Advances in Equatorial, Low- and Mid-Latitude Mesosphere, Thermosphere and Ionosphere Studies | Maxim Klimenko and Libo Liu |
| 56/03 01 Aug. 2015 | Advances in Asteroid and Space Debris Science and Technology – Part 1 | Massimiliano Vasile |
| 55/10 15 May 2015 | Terrestrial Fieldwork to Support in situ Resource Utilization (ISRU) and Robotic Resource Prospecting for Future Activities in Space | M.A. Shea |
| 55/08 15 April 2015 | International Reference Ionosphere and Global Navigation Satellite Systems | Dieter Bilitza, Bodo Reinisch |
| 55/03 01 Feb. 2015 | Cosmic Magnetic Fields | Alexander Kosovichev |
| 54/12 15 Dec. 2014 | Forcing on the Atmosphere | M.A. Shea |
| 54/10 15 Nov. 2014 | Lunar Science and Exploration | Anil Bhardwaj |
| 54/07 01 Oct. 2014 | Spectral Line Shapes in Astrophysics and Related Phenomena | Luka Č. Popović |

| | | |
|------------------------|--|---|
| 54/05 01 Sept. 2014 | Recent progresses on Beidou/COMPASS and other Global Navigation Satellite Systems (GNSS) - II | Shuanggen Jin |
| 54/03 01 Aug. 2014 | Recent Advances in Equatorial, Low- and Mid- Latitude Mesosphere, Thermosphere - Ionosphere System Studies | Alok K. Taori, Paulo R. Fagundes |
| 53/12 15 June 2014 | Image Processing and Analysis in Space Science | Christian Wöhler |
| 53/10 15 May 2014 | Cosmic Ray Origins: Viktor Hess Centennial Anniversary | Eun-Suk Seo, Igor V. Moskalenko |
| 53/06 15 March 2014 | Stars, Galaxies and Star Formation History in the UV | Ana I. Gómez de Castro, M. A. Shea |
| 52/10 15 Nov. 2013 | IRI Over the African Region | John Bosco Habarulema, Lee-Anne McKinnell, M. A. Shea |
| 52/02 15 July 2013 | Lunar Exploration - II | Shuanggen Jin |
| 51/10 15 May 2013 | Advances in Theory and Observation of Solar System Dynamics - II | Vera Jatenco-Pereira |
| 51/08 15 April 2013 | Satellite Altimetry Calibration and Deformation Monitoring using GNSS | Pascal Willis |
| 51/06 15 March 2013 | Recent Progresses on Beidou/COMPASS and other Global Navigation Systems (GNSS) - I | Shuanggen Jin |
| 51/04 15 Feb. 2013 | Representation of the Auroral and Polar Ionosphere in the International Reference Ionosphere (IRI) Editors: | D. Bilitza, B.W. Reinisch |
| 51/02 15 Jan. 2012 | The Origins of Cosmic Rays: Resolving Hess's Century-Old Puzzle | Roberta Sparvoli |
| 50/12 15 Dec. 2012 | Lunar Exploration - I | Shuanggen Jin |
| 50/08 15 Oct. 2012 | Oceanography, Cryosphere and Freshwater Flux to the Ocean Editors: | J. Benveniste, M.A. Shea |
| 50/06 15 Sept. 2012 | Solar Variability, Cosmic Rays and Climate | I. Usoskin |

49/11
01 June 2012

Advances in Theory and Observation of Solar System Dynamics - I

V. Jatenco-Pereira