

Dr. Anastasios Anastasiadis**Research Director of Space Physics**

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STUDIES

- ❑ 1994: Ph.D. in Space Physics, Department of Physics, University of Thessaloniki, Greece.
- ❑ 1986: B.Sc. in Physics, Department of Physics, University of Thessaloniki, Greece

PROFESSIONAL EXPERIENCE

- ❑ 2007-present: Research Director, IAASARS/National Observatory of Athens, Greece
- ❑ 2002-2007: Senior Researcher, IAASARS/National Observatory of Athens, Greece
- ❑ 1998-2002: Associated Researcher, IAASARS/National Observatory of Athens, Greece
- ❑ 1995-1998: Research Associate, Dept. of Physics, Univ. of Thessaloniki, Greece
- ❑ 1991-1992: Visiting Research Fellow, Max-Planck Institut für Extraterrestrische Physik, Germany
- ❑ 1988-1994: Graduate Fellow, Dept. of Physics, Univ. of Thessaloniki, Greece

AREAS OF EXPERTISE

High-energy phenomena in Space Plasma and Plasma Astrophysics; Transport, Diffusion and Particle Acceleration processes in Heliophysics; Sun-Earth connection processes; Solar Flares and CMEs; Solar Energetic Particle Events; Radiation Environment; Space Weather; Radiation Belts Dynamics; Magnetospheric Physics; Non-linear Dynamics; Complexity; Machine Learning Techniques.

HONORS / FELLOWSHIPS / OTHER RELEVANT EXPERIENCE

- ❑ European Union TMR – Individual Marie Curie Research Grand No: FM-BICT982903, 1998-2000
- ❑ Greek National Scholarship, Post-doctoral Research Grand, 1998 – 1999
- ❑ Member of the: International Astronomical Union (IAU), Committee on Space Research (COSPAR), European Astronomical Society (EAS), European Geosciences Union (EGU), Hellenic Astronomical Society (Hel.A.S.), Community of European Solar Radio Astronomers (CESRA)
- ❑ Board Member of the Hellenic Astronomical Society (Hel.A.S.), 2010-2012 & 2012-2014
- ❑ ESA/Science Individual Award for outstanding contribution to the ESA Rosetta Mission.

PUBLICATIONS

Co-authored 80+ papers published in international refereed journals and refereed volumes. The total number of citations to all the refereed papers is 1700+, while the h-index is 24 (source Google Scholar). All publications can be retrieved from <http://members.noa.gr/anastasi/publications.html>

STUDENT AND POSTDOC SUPERVISION

Postdoc Supervisor: Dr. Ingmar Sandberg (2013-2017), Dr. Athanasios Papaioannou (2014-2017) and Dr. Evangelos Paouris (2018-2022). Supervisor of Master Student: Mr. Marios Astalis (2018), Ms. Myrto Koleti (2020) and Ms. Eleni Lavasa (2020).

RESEARCH FUNDING (SELECTIVE, 2010 -)

- ❑ SAWS-ASPECS project: Advanced Solar Particle Events Casting System, European Space Agency, 2017-2022. (Project Leader)
- ❑ SWUNMed project: Space Weather User Needs for the Mediterranean Region, European Space Agency, 2018-2021. (WP Leader)
- ❑ AREMBES project: Athena Radiation Environment Models and X-Ray Background Effects Simulators, European Space Agency, 2016-2018. (Team Leader)
- ❑ FORSPEF project: Forecasting Solar Particle Events and Flares, European Space Agency, 2013-2015. (Project Leader)
- ❑ KRIPIS-PROTEAS project: Advanced Space Applications for the Universe, Space and Earth exploration, Operational Development Program, Hellenic Ministry of Education and Religious Affairs, 2013-2015. (Team Leader)
- ❑ ESAC-SAPS project: Design, Implementation and Maintenance of a Publication System for the ESAC Science Archives, European Space Agency, 2013 - 2015. (WP Leader)
- ❑ HNSWRN Project: Hellenic National Space Weather Research Network. Hellenic Ministry of Education and Religious Affairs, 2012-2015. (Deputy Coordinator & Team Leader)
- ❑ SRREMs Project: Slot Region Radiation Environment Models, European Space Agency, 2011-2014. (Team Member)
- ❑ MAARBLE Project: Monitoring, Analyzing and Assessing Radiation Belt Loss and Energization, FP7 Collaborative project, Theme: "Space", European Commission, 2012-2014. (WP Leader)
- ❑ ULFwave Project: Multi-Satellite, multi-instrument and ground based observations analysis and study of ULF wave phenomena and products. European Space Agency, 2011-2013. (Team Member)
- ❑ Space-data routers: a space communication overlay for efficient sharing of space-data. FP7 Cooperation Theme: "Space", European Commission, 2010-2014. (Team Member)
- ❑ SREM Extension - Solar Particle Event Scientific Analysis. European Space Agency, 2010-2011. (Project Manager)

OTHER PROFESSIONAL ACTIVITIES

Participation in more than 120 International Conferences, with more than 150 contributed talks/presentations. Member of the Organizing Committee of 15 International/National Conferences and Workshops. Convener of 3 Topical Discussion Meetings (TDM) in the European Space Weather Week (ESWW) and main organizer of Sessions in COSPAR conferences. Regular reviewer in more than 15 International Scientific Journals. Guest Editor for the "Journal of Atmospheric and Solar-Terrestrial Physics" (2001) for the journal "Entropy" (2010 - 2011) and the "Journal of Space Weather and Space Climate" (2019-2021). Member of the Editorial Board of the journals "International Review of Physics" and "Entropy". External Reviewer of NASA/SMD proposals. Reviewer of NASA Postdoctoral Program. Reviewer of FWF Austrian Science Fund. Reviewer of the LE STUDIUM proposals. Member of the Modelling and Data Analysis Working Group (MADAWAG) for ESA/Solar Orbiter. Member of the SEP Working Team of NASA/CCMC. Member of the COSPAR International Space Weather Action Teams (ISWAT). Associate Scientist of the ASPIICS (Association de Satellites Pour l'Imagerie et l'Interférométrie de la Couronne Solaire) for the ESA/PROBA-3 mission. Co-Investigator in the Spectrometer/Telescope for Imaging X-rays (STIX) of ESA/Solar Orbiter mission.