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Position: **Scientific adviser**

Room:

Personal Information

Born: 31.05.1972, Zagreb, Croatia

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Professional Preparation

PhD, Astrophysics (Stellar Physics), University of Zagreb , 2008

MSc, Astrophysics (Solar Physics), University of Zagreb, 2004

BSc, Physics, (Astronomy and Astrophysics), University of Zagreb, 1999

Employment: Hvar Observatory, Faculty of Geodesy, Uni. Zagreb, since 2000

Research field: Solar physics – solar rotation and transfer of angular momentum, initiation and propagation of coronal mass ejections, space weather.

Teaching: Faculty of Geodesy, University of Zagreb, (undergraduate laboratory exercises: Basics of Informatics)

Member of International Astronomical Union , Croatian Astronomical Society , European Astronomical Society
,
European Geosciences Union
.

Referee in Central European Astrophysical Bulletin , Solar Physics , Astronomy & Astrophysics , Sun and Geosphere
,
Journal of Space Weather and Space Climate

Participation in national and international projects:

2026 - pres "SSDB - Sunspot Database", SSDB (Croatian Science Foundation project, **PI**)

2025 - pres "EPS - Eruptive Processes on the Sun", EPS (NextGenerationEU National Recovery and Resilience Plan project, **PI**)

2019 - 2023 "SOLARNET - Integrating High Resolution Solar Physics", SOLARNET (H2020 project)

2018 - 2022 "MSOC – Millimeter and Submillimeter Observations of the solar Chromosphere with ALMA", MSOC (Croatian Science Foundation project)

2017 - 2022 "PRE-EST – EST Preparatory Phase", PRE-EST (H2020 project, national **PI**)

2014 - 2018 "SOLSTEL - Solar and Stellar Variability", SOLSTEL (Croatian Science Foundation project)

2013 - 2017 "SOLARNET - High-Resolution Solar Physics Network", SOLARNET (FP7 project)

2012 - 2015 "Environment for Human Exploration and Robotic Experimentation in Space", eH EROES
(FP7 project that aims at characterizing the environment in space, in order to provide useful information for planning and implementing space missions)

2011 - 2014 “Coronal Mass Ejections and Solar Energetic Particles", COMESEP (forecasting

the space weather impact project is a collaborative project funded by the FP7.)

2010 - 2011 "Open clusters and their variable content" (Austro-Croatian bilateral project)

2008- 2011 “Solar-Terrestrial Investigation and Archives”, SOTERIA FP7project

2008-2009 “Investigation of Solar Cycle Variability” (Austro-Croatian bilateral project)

2010 - 2011 "Eruptive Processes in the Solar Atmosphere" (MZOŠ)

2007- 2010 “Physical Processes in the Solar and Stellar atmospheres” (MZOŠ)

2002- 2006 “Physical Processes in the Solar and Stellar atmospheres” (MZOŠ)

2000-2001 “Plasma of the Solar Atmosphere; Phenomenon of Be Stars” (MZIT)

Publications:

Web of Science
NASA/ADS
CroRIS (Croatian Research Information System)