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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", [eHEROES](#)
(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", [COMESSEP](#) (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 \(Croatian Research Information System\)](#)