

Meeting on Operational and Research Capabilities for Better Understanding Solar-Terrestrial Interactions (29.9-3.10)

Time	MONDAY September 29, 2025	TUESDAY September 30, 2025	WEDNESDAY October 1, 2025	THURSDAY October 2, 2025	FRIDAY October 3, 2025
10:00-10:30		Chairs: V. Srećković & D. Maletić Aleksandar Bogojević , Director of IPB Luka Popović Director of Astronomical Observatory	Chair: N. Petrov Tolga Güver Cosmic Ray Studies Related to Space Weather in Türkiye	Chair: S. Samurović Milan Dimitrijević Slow changes in solar-terrestrial interaction and ice-ages. The work of Milutin Milanković	Discussion about future projects and collaborations
10:30-11:00		Milen Minev Equipment and technical specifications for ground-based monitoring of solar radiation at the Rozhen National Astronomical Observatory	Vergil Yotov Mini-neutron monitor ROZHEN	Rade Pavlović Urban Observatory of Belgrade	
11:00-11:30		Tsvetan Tsvetkov Polarization Studies of the Solar Corona During Total Solar Eclipses: Results and Perspectives	Aleksandar Dragić Temperature correction of neutron monitor count rates	Veljko Vujčić Alertissimo: orchestrating LSST broker alerts for scientific workflows	Organizing committee Meeting Closing ceremony & Departure
11:30-12:00		Coffee break	Coffee break	Coffee break	
12:00-12:30		Chair: N. Pop Konstantin Krasev Full-disk Solar Observations of the Solar Chromosphere (H α) and Transition Region (CaII K) from the Rozhen National Astronomical Observatory	Chair: A. Dragić Saša Dujko Impact of Solar Activity on the Evolution of Positive and Negative Streamers in Sprite Phenomena	Chair: M. Savić Martin Schrön Cosmic-ray applications in hydrology	
12:30-13:00		Gergő Hamar Gaseous Muon Trackers in Muography		Nikola Veselinović gLOWCOST network	
13:00-13:30		Aleksandra Nina Influence of the D-region electron density on modeled ionospheric Wait's parameters in quiet conditions – case study	Darije Maričić Different Structural Elements of Corotating Interaction Regions: A Study on Characteristics and Geoeffectiveness 2008 – 2024	Katya Georgieva Balkan, Black Sea, and Caspian Sea Regional Network for Space Weather Studies	

13:30 -15:00	REGISTRATION	Lunch break	Lunch break	Lunch break
15:00-15:30	Chairs: A. Kolarski & N. Veselinović	Chair: O. Kounchev	Chair: N. Veselinović Poster session	Chair: D. Joković
	Opening ceremony	C.V. Pena Thermospheric Density and Drag Increase During the 2003 and 2024 Geomagnetic Storms: Implications for Satellite Lifetime (10am Sao Paolo)		Aleksandra Kolarski Lightning induced Electron Precipitation and related Ionospheric Electron Density Changes estimated from VLF Signal Perturbations recorded in Belgrade
15:30-16:00	Kristina Demirhan Imaging via detection of cosmic muon induced secondary particles	Boyan Benev 3D Geophysical Vector Magnetometer: Installation and Calibration		Mihailo Savić Effects on Secondary Cosmic rays Muons: A comparison Between Simulation and Observations
16:00-16:30	Kristina Demirhan Exploration of AIR profile by meteorological balloons	Viacheslav Sadykov Machine Learning for Space Weather: Overview of Research Efforts at Georgia State University (10am Atlanta)		Work on mini projects (possibility of project meetings/scheduled discussions)
16:30-17:00	Dimitrije Maletić Overview of the Activities in Low-background Laboratory at the Institute of Physics Belgrade	Mihailo Martinović High Resolution in Situ observations at Lagrange 1 Point and Earth's Bow-Shock: past, present, and future (7:30am Tucson)		
17:00-17:30	Welcome cocktail	Yekoye Asmere Tariku Why a Minor Storm Did More Harm Than a Super One: Effects of the 2022 February G2 and 2024 May G5 Geomagnetic Storms (18pm Addis Ababa)		
17:30-18:00				
20:00		Conference dinner		