International scientific conference:

Meeting on operational and research capabilities for better understanding solar-terrestrial interactions

29 September – 3 October 2025, Belgrade, Serbia

in organization of Scientific Society Isaac Newton Belgrade and Institute of Physics Belgrade

UNDER THE SUPPORT OF: Ministry of Science, Technological Development and Innovation of the Republic of Serbia
VENUE: Institute of Physics Belgrade, Pregrevica 118, Belgrade (Zemun), Serbia

We are pleased to announce that the "**Meeting on Operational and Research Capabilities for Better Understanding Solar-Terrestrial Interactions**," will be held in a hybrid format at the **Institute of Physics Belgrade Serbia** and online, from **September 29 to October 3, 2025.**

This international conference brings together researchers and practitioners to explore the impact of space weather on Earth and its systems, including satellite operations, power grids, communication, navigation, aviation, and human health. Topics will include solar radiation, solar wind, magnetic field variations, and their effects on Earth's magnetosphere, ionosphere, atmosphere, and climate.
Despite recent advances, predictive capabilities for solar-driven events remain limited. This inaugural event aims to bridge observational, theoretical, and operational efforts while promoting integrated approaches to improve forecasting and preparedness.
Conference goals include:
• Understanding space weather impacts on infrastructure and technology
• Promoting interdisciplinary collaboration
• Advancing real-time monitoring and forecasting tools
• Applying AI and innovative theoretical models
• Strengthening international cooperation

Participants will engage in research presentations, keynote lectures, and discussions on space weather science and practical solutions.
Important deadline: Abstract submission and registration — **September 1, 2025**

For more information about the workshop, registration, and abstract submission, please visit the official website:
https://www.cosmic.ipb.ac.rs/workshop-2025/