

ASI 2022 Workshop 1: Planetary Space Weather

Date: 25th March 2022

Venue: Online* Mode

Programme	Speaker	Time (Hrs)
CME dynamics from Sun to interplanetary space	Prasad Subramanian, IISER, Pune	09:30 to 10.00
Modelling Sun-Planet interactions: Solar System and Beyond	Arnab Basak, CESSI, IISER, Kolkata	10.30 to 10.30
Effects of space weather on terrestrial magnetosphere-ionosphere system	Rajkumar Hajra , IIT Indore	10.30 to 11:00
Tea Break (11:00 to 11:30 Hrs)		
Space weather and impact on technological applications	Nirvikar Dashora, NARL	11:30 to 12:00
Planetary Space Weather drivers	Sanchita Pal, University of Helsinki	12:00 to 12:30
DATA ANALYSIS SESSION - 1		
Preparation instructions on data, software, any Q&A	Moderator: Srikar P Tadepalli, URSC/ISRO	12:30 to 13:00
Lunch Break (13:00 to 14:00 Hrs)		
Understanding Space Weather phenomena at large: from key drivers to Solar System exploration	Christina Plainaki, ASI	14:00 to 14:30 Hrs
DATA ANALYSIS SESSION - 2		
CME data analysis	Suvadip Sinha and Yoshita Baruah, CESSI, IISER, Kolkata	14:30 to 15:30 Hrs
Impact of a CME on the Martian atmosphere using MAVEN data	Smitha V Thampi, SPL, VSSC	15:30 to 16:30 Hrs
CME signatures at Earth and its Moon	Srikar P Tadepalli, URSC/ISRO	16:30 Hrs to 17:30 Hrs

* Participants attending from the venue should join through the link that will be send to your registered email

SOC: Shyama Narendranath, K. Sankarasubramanian, Srikar Paavan Tadepalli, Dibyendu Nandi, Dibyendu Chakrabarty, Mohammad Hasan, and Smitha V. Thampi; Contact for any queries: kcshyama@ursc.gov.in