

Table of contents

| | |
|-----------------------------|---|
| Wednesday 31 May 2023 | 1 |
|-----------------------------|---|

ICTP-SCOSTEP-ISWI School and Workshop on the Predictability of the Solar-Terrestrial Coupling - PRESTO | (smr 3842)

Wednesday 31 May 2023

SESSION 1. Observations and modelling of solar eruptions, solar wind and SEPs from Sun through interplanetary space

SESSION 2. Prediction of solar transients, streams/SIRs and SEP from Sun to geospace - Budinich Lecture Hall (LB) (10:25-11:30)

SESSION 1 Organisers: Spiros PATSOURAKOS (University of Ioannina, Greece), Emilia KILPUA, Allison JAYNES

SESSION 2 Organisers: Emilia KILPUA, Spiros PATSOURAKOS (University of Ioannina, Greece), Allison JAYNES

Chair: Kyung-Suk CHO (Korea Astronomy & Space Science Institute, Republic of Korea)

| time | title | presenter |
|-------|--|-------------------|
| 10:25 | Status and future outlook on predicting space weather from Sun to Earth | TANJA AMERSTORFER |
| 10:50 | Beyond the Crystal Ball: Machine Learning and the Future of Space Weather Prediction | DARIO DEL MORO |
| 11:15 | Prediction of Coronal Mass Ejection Using Machine Learning Assisted Drag Based Model | JOHAN MUHAMAD |