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# ICTP-SCOSTEP-ISWI Workshop on the Predictability of the Solar-Terrestrial Coupling - PRESTO | (smr 3898)

## Thursday 01 June 2023

**SESSION 5. Solar forcing specification and impacts on the atmosphere and climate**

**SESSION 6. Precipitating energetic particles and their effects on atmosphere**

**SESSION 7. Predictability of the solar cycle - Budinich Lecture Hall (LB) (10:20-12:00)**

***SESSION 5 Organisers: Stergios MISIOS (National Observatory of Athens, Greece), Odele CODDINGTON (LASP, Univ. of Colorado Boulder, USA), and Jie JIANG***

***SESSION 6 Organisers: Eugene ROZANOV (PMOD/WRC, Switzerland), Odele CODDINGTON (LASP, Univ. of Colorado Boulder, USA), Jie JIANG, and Stergios MISIOS (National Observatory of Athens, Greece)***

***SESSION 7 Organisers: Jie Jiang, Stergios MISIOS (National Observatory of Athens, Greece), and Odele CODDINGTON (LASP, Univ. of Colorado Boulder, USA)***

***Chair: Stergios MISIOS (National Observatory of Athens, Greece)***

time	title	presenter
10:20	Understanding and modelling of solar irradiance variations on climate-relevant timescales	NATALIE KRIVOVA
10:45	High-energy particle precipitation associated with electromagnetic ion cyclotron waves and its consequences on the atmosphere	KAZUO SHIOKAWA
11:00	Historical datasets and the solar cycle	THEODOSIOS CHATZISTERGOS
11:25	What do halo CMEs tell us about solar activity?	NATCHIMUTHUKONAR GOPALSWAMY
11:40	Break	