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

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 climaterrelevant 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	