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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) (12:00-14:15)

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: Odele CODDINGTON (LASP, Univ. of Colorado Boulder, USA)

time	title	presenter
12:00	Physics-based Solar Cycle Predictions using Observational Data-driven Simulations	PRANTIKA BHOWMIK
12:25	Relic field in the Sun explains deVries/Suess and Gleissberg cycles and gives a possibility for multi-cycle forecasting	KALEVI MURSULA
12:40	A qualitative post-diction and prediction of the grand solar minimum in the history and the future	LIMEI YAN
12:55	Lunch Break	