

First Indian Space Weather Conference (ISWC-2022)

11-12 January 2022

Physical Research Laboratory, Ahmedabad

Platinum Jubilee Celebrations of PRL

Program at a Glance

Day 1: 11 January 2022

09:00 – 09:30	Webex log in
09:30 – 10:15	Inauguration of ISWC-2022
10:15 – 10:30	Break
Session 1: Space weather drivers and processes Conveners: N. Srivastava, K. Sankarasubramanian, and D. Banerjee	
10:30 – 11:35	S1.1 : Solar cycle studies <i>Chairs: D. Banerjee, N. Srivastava</i>
11:35 – 12:30	S1.2 : Space weather forecasting models <i>Chairs: N. Srivastava, D. Banerjee</i>
12:30 – 13:00	S1.3 : Source regions of solar disturbances <i>Chairs: K. Sankarasubramanian, R. Ramesh</i>
13:00 – 13:45	Lunch Break
13:45 – 14:45	S1.4 : Simulations of solar transients <i>Chairs: R. Ramesh, K. Sankarasubramanian</i>
Session 2: Impact of space weather on the Earth's magnetosphere, ionosphere, and thermosphere Conveners: D. Pallamraju, S. Gurubaran, D. Chakrabarty and Varun Sheel	
14:45 – 16:00	S2.1 : Response of the magnetosphere to solar forcing <i>Chairs: S. Gurubaran, D. Chakrabarty</i>
16:00 – 16:15	Break
16:15 – 18:15	S2.2 : Space weather impact on the ionosphere/thermosphere system of planets <i>Chairs: S. Gurubaran, D. Pallamraju</i>

Day 2: 12 January 2022

09:30 – 10:00	Webex log in
10:00 – 11:30	PRL ka Amrut Vyakhyaan By Prof. Daniel N. Baker on Societal and Economic Impacts of Space Weather
Session 2: Impact of space weather on the Earth's magnetosphere, ionosphere, and thermosphere (Contd.) Conveners: D. Pallamraju, S. Gurubaran, D. Chakrabarty and Varun Sheel	
11:30 – 13:30	S2.2 : Space weather impact on the ionosphere/thermosphere system of planets <i>Chairs: T. K. Pant, Varun Sheel</i>
13:30 – 14:15	Lunch Break
14:15 – 15:25	S2.3 : Modelling studies for Space Weather Research <i>Chairs: Varun Sheel, D. Chakrabarty</i>
15:25 – 15:40	Break
15:40 – 17:15	Session 3: Space and ground instruments for space weather research Conveners: A. K. Patra, R. Ramesh, T. K. Pant and T.P. Das <i>Chairs: A.K. Patra, T. P. Das, T. K. Pant</i>
17:15 – 18:15	Sessions' summary, feedback, and discussions on the way forward <i>Chair: Anil Bhardwaj</i>