

## Solar-Terrestrial Physics for Students and Young Scientists (STEPSYS)

GMT	IST	Title of Lecture
<b>19 February 2022</b>		
0550 – 0600	1120 – 1130	Welcome and Introduction to STEPSYS
0600 – 0730	1130 - 1300	Exploring Solar-Terrestrial Relation through Long and Extensive Geomagnetic Observatory Network in India (Speaker: B. R. Arora, India)
Break		
1030 – 1200	1600 - 1730	The Sun, its interior and its atmosphere (Speaker: Dibyendu Nandi, India)
1200 – 1330	1730 - 1900	Solar eruptions and their impact on Geospace (Speaker: Nat Gopalswamy, USA)
1330 – 1500	1900 - 2030	Magnetosphere-Ionosphere Coupling (Speaker: Ramon Lopez, USA)
<b>20 February 2022</b>		
0300 – 0430	0830 - 1000	Atmosphere - Ionosphere Coupling (Speaker: Jens Oberheide, USA)
0430 – 0600	1000 - 1130	Solar influence on climate variability (Speaker: Annika Seppälä, New Zealand)
0600 – 0730	1130 - 1300	Space weather effects on technological systems (Speaker: Mamoru Ishii, Japan)
Break		
1100 – 1230	1630 – 1800	Space weather effects on the Ionosphere-thermosphere system: Science and Applications (Speaker: Duggirala Pallamraju, India)
1230 - 1400	1800 - 1930	180 years of Geomagnetism in India (G. K. Rangarajan, India)

\*Lectures will be of 60 minutes duration followed by 30 minutes discussion.