

SCOSTEP 15th Quadrennial Solar-Terrestrial Physics Symposium (STP-15) **February 21-25, 2022, Alibag, INDIA**

ALIBAG OBSERVATORY



The Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) organizes the Solar-Terrestrial Physics (STP) symposium once every four years. SCOSTEP is engaged in three major activities: long-term scientific programs, capacity building and public outreach. The scientific programs are of interdisciplinary nature involving scientists from around the world. They are designed to advance our understanding of the solar-terrestrial relationship using space- and ground-based observations, cutting-edge models and theory. Under what ways the Sun affects the Earth and its environment over various time scales is the underlying theme of the scientific programs pursued under SCOSTEP. Having addressed the variability component during the recently concluded Variability of the Sun and its Terrestrial Impact (VarSITI) program, the new program of SCOSTEP, Predictability of the variable Solar-Terrestrial Coupling (PRESTO), address the predictability component of those phenomena that have impact on the Sun-Earth system as a whole in various time scales.

The SCOSTEP 15th Quadrennial Solar-Terrestrial Physics Symposium (STP-15) will aim to gather eminent scientists from solar, magnetospheric, ionospheric and atmospheric physics communities to discuss and deliberate on the cutting-edge sciences pertaining to STP. STP-15 will address the predictability as a focus area in each of the traditional topics deliberated upon during the earlier STP meetings, namely, the mass and radiation chains and intra-atmospheric coupling.

Scientific Organizing Committee (SOC)

Kazuo Shiokawa, Japan (Chair), Daniel Marsh (USA), Nat Gopalswamy (USA), Aude Chambodut (France), Jorge Chau (Germany), Kyung-Suk Cho (South Korea), Yoshizumi Miyoshi (Japan), Renata Lukianova (Russia), Annika Seppala (Finland), Prasad Subramanian (India), Peter Pilewskie (USA), Ramon Lopez (USA), Katja Matthes (Germany), Jie Zhang (USA), Allison Jaynes (USA), Emilia Kilpua (Finland), Spiros Patsourakos (Greece), Loren Chang (Taiwan), Duggirala Pallamraju (India), Nick Pedatella (USA), Odele Coddington (USA), Jie Jiang (China), Eugene Rozanov (Switzerland) and Subramanian Gurubaran (LOC chair, India)

Location and Venue

Alibag is a coastal town in the western state of Maharashtra in India and is located south of the city of Mumbai. Ferry services are available from Mumbai to reach Alibag via the sea route. Though the distance by road is about 100 km, ferries fetch passengers from Gateway of India, Mumbai to Alibag in 45 minutes to about an hour. Besides tourist attractions whose options are varied, the town of Alibag boasts of hosting the century-old geomagnetic observatory of Indian Institute of Geomagnetism, the host Institute for STP-15. This observatory along with the erstwhile Colaba Observatory at Mumbai has been yielding continuous geomagnetic field measurements for over more than 175 years. The venue for STP-15 will be the Radisson Blu Resort & Spa at Alibag.

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Scientific Committee on Solar-Terrestrial Physics (SCOSTEP)

<https://www.bc.edu/bc-web/research/sites/institute-for-scientific-research/research/SCOSTEP.html>

