

Message transmis par Thierry Dudok de Wit <ddwit@cnrs-orleans.fr> :

*SCOSTEP 14th Quadrennial Solar-Terrestrial Physics Symposium *

July 9 – 13, 2018, Vancouver, Canada

Note : this is for 2018

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*First Announcement *

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This is the fourteenth edition of Solar-Terrestrial Physics symposium, which is organized by the Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) and held every four years. SCOSTEP is engaged in three major activities: long-term scientific programs, capacity building and public outreach. The scientific programs are designed to advance our understanding of the solar-terrestrial relationship using space- and ground-based observations, cutting-edge models and theory. Thus SCOSTEP scientific programs are of interdisciplinary nature and involve scientists from all around the world. The underlying theme of these programs is the way the Sun affects the Earth over various time-scales. SCOSTEP's current scientific program, VarSITI (Variability of the Sun and Its Terrestrial Impact) expands the solar-terrestrial physics into the broader context of star-planet interaction to further our understanding of Sun-Earth connection.

The SCOSTEP 14th Quadrennial Solar-Terrestrial Physics Symposium (STP14) will provide an excellent opportunity to discuss the scientific accomplishments of VarSITI and look forward to SCOSTEP's future programs. The scientific sessions of STP14 will feature the three major chains of physical processes operating in the solar-terrestrial domain and constituting Space Weather: (i) the mass chain in the form of plasma and particle transport from the Sun and through the Earth's magnetosphere-ionosphere-thermosphere (MIT), (ii) the electromagnetic radiation chain in the form of irradiance and flare emissions, and (iii) the chain of energy and mass flow within the MIT system and from the Earth into space.

*Scientific Organizing Committee (SOC): *Nat Gopalswamy, USA (Chair); Franz-Josef Lübken, Germany (Vice-Chair); Kyung-Suk Cho, South Korea; Vladimir Kuznetsov, Russia; Mark Lester, UK; Daniel Marsh, USA; Takuji Nakamura, Japan; Craig Rodger, New Zealand; Annika Seppälä, Finland; Katya Georgieva, Bulgaria; Kazuo Shiokawa, Japan; Jacob Bortnik, USA; Paul Charbonneau, Canada; Donald Danskin, Canada; Ian Mann, Canada; Petrus Martens, USA; Dibyendu Nandi, India; Vladimir Obridko, Russia;

Jean-Pierre St. Maurice, Canada; David Sibeck, USA; Manuela Temmer, Austria; William Ward, Canada; Yihua Yan, China; Andrew Yau, Canada; Gary Zank, USA; and Jie Zhang, USA.

*Local Organizing Committee (LOC): *Andrew Yau (Co-Chair), Bernie Shizgal (Co-Chair), Donald Danskin, Greg Enno, Ian Mann, John Manuel, Marianna Shepherd, Jean-Pierre St. Maurice, William Ward.

*Location: *Vancouver is a cosmopolitan city with a vibrant and multicultural population of two million. Located on Canada's spectacular West Coast, and surrounded by ocean and mountains, Vancouver is one of the world's most beautiful cities. Readers of Conde Nast Traveler magazine have consistently voted Vancouver the "Best City in the Americas."

The University of British Columbia (UBC) is only 20 minutes by car to downtown or the airport. The Vancouver International Airport (YVR) is easily accessible, offering direct flights to major cities around the world. The city centre is easily accessible by public transit, with many bus routes offering frequent service.

*Venue: *The Symposium will take place at the University of British Columbia (UBC). UBC is situated on Vancouver's west side, surrounded by temperate rainforest and sandy beaches. UBC's natural setting is complemented by nearby shops and restaurants located within walking distance of guest rooms and meeting space. UBC's vibrant neighborhood has quality community services such as banks, restaurants, grocery stores, pharmacy, libraries, campus attractions and recreation.

The University features the Museum of Anthropology, Beauty Biodiversity Museum, Botanical Gardens, and plenty of other great attractions. UBC also offers an Aquatic Centre with Olympic-sized indoor and outdoor pools, the University Golf Club and other athletic facilities available to the public. Vancouver's best hiking trails and beaches are located right on campus, throughout the Pacific Spirit Regional Park.

*Contact Information: *

Dr. Nat Gopalswamy, SOC Chair

Dr. Andrew Yau, LOC Chair

Dr. Marianna G. Shepherd, Scientific Secretary

Scientific Committee on Solar-Terrestrial Physics (SCOSTEP)
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