



Interim Announcement

This is the fourteenth edition of the Solar-Terrestrial Physics symposium (STP14), 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. 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.

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: (i) the mass chain in the form of plasma and particles emitted from the Sun, (ii) the electromagnetic radiation chain in the form of irradiance and flare emissions, and (iii) the intra-atmospheric chain representing energy flow from the Earth into space.

Scientific Organizing Committee: Nat Gopalswamy, Heliophysics Division, NASA/GSFC, USA (Chair); Franz-Josef Lübken, Leibniz-Institute of Atmospheric Physics, Kühlungsborn, Germany (Vice-Chair); Kyung-Suk Cho, KASI, South Korea; Vladimir Kuznetsov, IZMIRAN, Russia; Mark Lester, University of Leicester, UK; Daniel Marsh, NCAR, USA; Takuji Nakamura, National Institute of Polar Research, Japan; Craig Rodger, University of Otago, New Zealand; Annika Seppälä, Finnish Meteorological Institute, Finland; Katya Georgieva, Space Research and Technologies Institute (SRTI), Bulgaria; Kazuo Shiokawa, Institute for Space-Earth Environmental Research (ISEE), Japan; Jacob Bortnik, Dept. of Atmospheric and Oceanic Sciences, UCLA, USA; Paul Charbonneau, Université de Montréal, Canada; Donald Danskin, Natural Resources Canada, Canada; Ian Mann, University of Alberta, Canada; Petrus Martens, Georgia State University, USA; Dibyendu Nandi, Indian Institute of Science Education and Research (IISER), Kolkata, India; Vladimir Obridko, IZMIRAN, Russia; Jean-Pierre St. Maurice, University of Saskatchewan, Canada; David Sibeck, Science and Exploration Directorate, NASA/GSFC; Manuela

Temmer, University of Graz, Austria; William Ward, University of New Brunswick, Canada; Yihua Yan, National Astronomical Observatories, China; Andrew Yau, University of Calgary, Canada; Gary Zank, CSPAR/University of Alabama in Huntsville, USA, and Jie Zhang, George Mason University, USA.

Local Organizing Committee: Marianna Shepherd (Chair), Spiros Pagiatakis, James Whiteway, William Ward.

National Advisory Committee (NAC): Andrew Yau (Chair), Bernie Shizgal, Donald Danskin, Greg Enno, Ian Mann, John Manuel, Jean-Pierre St. Maurice.

Location: Toronto, the capital of the province of Ontario, is the biggest city in Canada, situated along Lake Ontario's northwestern shore. It is a dynamic metropolis with a core of soaring skyscrapers, all dwarfed by the iconic CN Tower. A global city, Toronto is an international center of business, finance, arts, and culture, and is recognized as one of the most multicultural and cosmopolitan cities in the world. The diverse population of Toronto reflects its current and historical role as an important destination for immigrants to Canada. Toronto also has many green spaces and public parks, from the orderly oval of Queen's Park to 400-acre High Park and its trails, sports facilities, aquarium and zoo. The world's famous Niagara Falls are only 128 km from Toronto.

Venue: The Symposium will take place at York University's primary campus ("The Keele Campus"). It is located in the north of the City of Toronto and 30 min from the downtown. A newly opened subway line connects the campus directly with the downtown and the rest of the city. York University is the largest post-secondary campus in Canada. York University is a public research university and Canada's third-largest university having approximately 53,000 students, 7,000 faculty and staff, and 295,000 alumni worldwide. It has eleven faculties, including Faculty of Science, Lassonde School of Engineering, Faculty of Graduate Studies and 28 research centers among which the Centre for Research in Earth and Space

Science (CRESS), host of the SCOSTEP Secretariat and the sponsor of the STP14 symposium. CRESS serves as an agent to enhance and facilitate collaborative, interdisciplinary research within the areas of astronomy and astrophysics, atmospheric science, earth science, planetary science, geomatics engineering, and space engineering.



Bergeron Centre of Engineering Excellence, Lassonde School of Engineering, York University

York University participates in the Canadian Space Program and is home to Canada's only space engineering program. The Faculty of Science and Lassonde School of Engineering are Canada's primary research facility into Martian exploration, and have designed several space research instruments and applications currently used by NASA.



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Scientific Committee on Solar-Terrestrial Physics (SCOSTEP)

<http://www.yorku.ca/scostep/>