

## NEWSLETTER

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### **1. SCOSTEP's President Dr. Nat Gopalswamy Elected AGU Fellow**

On July 26, 2016 the American Geophysical Union (AGU) announced its 2016 Fellows, an honor given to individual AGU members who have made exceptional scientific contributions and gained prominence in their respective fields of Earth and space sciences. Since the AGU Fellows program was established in 1962, and according to the organization's bylaws, no more than 0.01 percent of the total membership of AGU is recognized annually. Among the newest class of Fellows recognized and honored for their significant and lasting contributions to Earth and space sciences is SCOSTEP's President *Dr. Nat Gopalswamy*.



*Photo 1: Dr. Nat Gopalswamy*

Dr. Nat Gopalswamy is a staff scientist at the Heliophysics Division of NASA's Goddard Space Flight Center, Greenbelt, Maryland. He holds the position of Astrophysicist in the Solar Physics Laboratory. Over the past two decades, Dr. Gopalswamy has been engaged in solving problems in solar and solar-terrestrial physics using data from various large radio telescopes and space missions. His research has made a significant contribution to the study and understanding of coronal mass ejections and their impact on Earth and on the

heliosphere in the form of magnetic storms and particle radiation. In the recent years, he has been extensively involved in the analysis of observations from the Yohkoh, SOHO, STEREO, Wind and ACE satellite missions, in conjunction with radio and optical images obtained by ground based instruments. Dr. Nat Gopalswamy's research interests include solar-terrestrial physics and solar radio astronomy. In addition to being SCOSTEP's President, Dr.

Gopalswamy's numerous contributions to the national and international solar-terrestrial physics communities include his very active involvement in NASA's Living with a Star (LWS) program in organizing the Coordinated Data Analysis Workshops (commonly known as CDAWs), the Workshop Coordinator for the US National Science Foundation's SHINE program and a member of its steering committee, the International Coordinator for the International Heliophysical Year (IHY), the Executive director of the international coordination for the International Space Weather Initiative (ISWI), and organizational roles in the International Astronomical Union (IAU) and SCOSTEP's scientific programs CAWSES (Climate and Weather of the Earth-Sun System), and VarSITI (Variability of the Sun and Its Terrestrial Impact). Dr. Gopalswamy has served as a member of NASA's Sun-Solar System Connection Roadmap committee and is also the director of the Coordinated Data Analysis Center at GSFC.

The 2016 class of Fellows will be recognized during the Honors Tribute on Wednesday, 14 December, held during the 2016 AGU Fall Meeting in San Francisco.

*CONGRATULATIONS!*

### **2. SCOSTEP Town Hall meeting "Future Directions in Solar-Terrestrial Physics" – December 12, 2016**

A Town Hall meeting dedicated on "Future Directions in Solar-Terrestrial Physics" will be held on **December 12, 2016** during the Fall AGU meeting 2016 in San Francisco. The meeting will take place at the **Moscone West, Room 2011, at 18:15 - 19:15**. The Town Hall meeting is part of SCOSTEP's effort to develop

community consensus in defining its future activities based on surveys of (i) current status, (ii) knowledge gap, and (iii) future directions in observations and modeling to fill the gaps. The panel will be chaired by the SCOSTEP President and will include (in alphabetical order) Prof. Jacob Bortnik (University of California, Los Angeles), Dr. Sarah Gibson (HAO/NCAR), Prof. Janet Luhmann (University of California, Berkeley), Dr. Daniel Marsh (NCAR), Prof. Kazuo Shiokawa (Institute for Space-Earth Environmental Research, Nagoya University), Prof. Jie Zhang (George Mason University). The purpose of the meeting and the panel is to discuss the directions SCOSTEP's research should take in the next 10 years.

We are looking forward to seeing you at the SCOSTEP Town Hall meeting.

### 3. General Information about SCOSTEP

Information on SCOSTEP can be found at:  
<http://www.yorku.ca/scostep/>

The Scientific Secretary is the main point of contact for all matters concerning SCOSTEP.

Prof. Marianna G. Shepherd  
Centre for Research in Earth and Space Science  
(CRESS)  
Lassonde School of Engineering, York University  
Petrie Sci. & Eng. Bldg, 233A  
4700 Keele Street  
Toronto, ON M3J 1P4  
CANADA

Tel: +1 416 736 21 00 ext 33828  
FAX: +1 416 736 5626

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