

## **ISSI / SCOSTEP Forum**

**Held at ISSI, Hallerstrasse 6, 3012 Bern, Switzerland**

**May 7-8, 2013**

The charter of the forum is to define the next scientific program of SCOSTEP for the period 2014—2018. SCOSTEP is tasked by the International Council for Science (ICSU) with running a long-term scientific program in solar terrestrial physics (STP). The participants of the forum shall define the scientific program based on (i) the white papers submitted, (ii) participants' expertise in STP science, (iii) current issues in STP, and (iv) community input, which the participants can solicit between now and the forum. The participants are expected to think beyond their own field of research to identify problems that need to be solved over the next 4-5 years. The topics selected will be interdisciplinary in nature and will be run by international teams.

## Program

### Tuesday, May 7<sup>th</sup>, 2013

- |       |  |                         |
|-------|--|-------------------------|
| 09:00 | Welcome to ISSI, Logistics   | Rudolf von Steiger      |
| 09:20 | Info on SCOSTEP activities:<br>- Science (CAWSES)<br>- Capacity Building (comics, school)<br>- Outreach (UN)<br>and Charter to the Forum | Nat Gopalswamy          |
| 10:00 | Coronal Heating and the Acceleration of the Solar Wind   | Mahboubeh Asgari-Targhi |
| 10:20 | A White paper by Atmospheric ‘Trends’ scientific community   | Jan Lastovička          |
| 10:40 | Coffee   |                         |
| 11:10 | Specification and Prediction of the Coupled Inner Magnetospheric Environment (SPeCIMEN)  | Jacob Bortnik           |
| 11:30 | Data Assimilation for the Thermosphere and Ionosphere  | Mihail Codrescu         |
| 11:50 | EXtraordinary Cycles and Events Study in Sun-Earth System (EXCESSES)   | Vladimir Obridko        |
| 12:10 | Role Of the MIddle Atmosphere/Lower Thermosphere in Climate (ROMIC)  | Franz-Josef Lübken      |
| 12:30 | Lunch  |                         |
| 14:00 | Solar-Terrestrial Evolution & Climate Connections  | Piet Martens            |
| 14:20 | Proposal for new program from Japanese SCOSTEP committee   | Tatsuki Ogino           |
| 14:40 | Role of Solar Variability in Climate   | Annika Seppälä          |
| 15:00 | White papers general discussion  |                         |
| 15:30 | Tea  |                         |
| 16:00 | Other presentations  |                         |
| 17:30 | Adjourn  |                         |
| 19:00 | Forum dinner at Kulturcasino   |                         |

### Wednesday, May 8<sup>th</sup>, 2013

- |       |  |
|-------|--|
| 09:00 | Consensus on the New Scientific Program(s) |
| 10:30 | Coffee                                     |
| 11:00 | Wrap-up and conclusions                    |
| 12:30 | End of Forum                               |

## Participants

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