

**1<sup>st</sup> ISSI FORUM**  
**Small Satellites for Space Science (4S): COSPAR Roadmap**  
**May 23-24, 2017**  
**ISSI, Bern, Switzerland**

**Program**

We intend to focus our discussion on the six questions listed in the Terms of Reference, which could also serve to structure the final Roadmap document.

To address this purpose, we want to set up our schedule using six topical sessions and open discussion about these questions. The sessions will be structured as follows:

- One hour of brief presentations (1 to 10 slides) by participants. All committee members please inform the co-chairs of their intended contributions to any or all of the six sessions.
- 30 minutes group discussion, assembling of contributions, identify missing items.

\*\*\*

**Tuesday, May 23, 2017**

**08:30-09:00 Check-in, Coffee**

**09:00-09:15 Opening Session**, chairs: von Steiger, Millan  
Welcome, Introduction

**09:15-10:45 Session 1**, chair: Klumpar (TBC)  
What are the status and use of CubeSats for science, their technological capabilities, and their key successes to date?

**10:45-11:15 Coffee**

**11:15-12:45 Session 2**, chair: ...  
What is the scientific potential of small satellites both as stand-alone targeted missions, but also as secondary payloads, and as constellations and swarms?

**12:45-14:00 Lunch**

**14:00-15:30 Session 3**, chair: ...  
 What is the role of participating agencies and industry in developing standardized approaches to the development of spacecraft (hardware and software), and also ground-systems, etc. that enables this science?

**15:30-16:00 Tea**

**16:00-17:30 Session 4**, chair: Lal (TBC)  
 What are the policies that support the growth of the number and types of CubeSats and CubeSat technology enabled small satellites, related to communications and frequency allocation, orbital debris, and launch vehicles?

**19:30- Dinner at the Kultur-Casino, Bern**

\*\*\*

**Wednesday, May 24, 2017**

**9:00-10:30 Session 5**, chair: ...  
 What are successful models for international collaboration between teams developing and operating small missions, and how are data being shared and preserved for the future?

**10:30-11:00 Coffee**

**11:00-12:30 Session 6**, chair: ...  
 How can participating international universities learn from each other to share lessons learned and drive international collaborations in this rapidly moving field?

**12:30-14:00 Lunch**

**14:00-16:00 Final Session**, chairs: Millan, von Steiger  
 Structure of the document, assignment of tasks, further procedure and schedule

\*\*\*