

**ILWS Working Group Meeting
Prague, Czech Republic
June 11-12, 2008**

Presentations currently online at http://ihy2007.org/includes/ilws_june2008_wg.html

Please check to ensure that the presentations shown online are appropriate and current.

All presentations from the WG meeting will be posted on the above site.

Meeting Participants:

Steering Committee Members:

Lika Guhathakurta (NASA, ILWS Steering Committee Chair)
Masaki Fujimoto (Japanese Aerospace and eXploration Agency)
William Liu (Canadian Space Agency)
Anatoly Petrukovich (Space Research Institute IKI)
Hermann Opgenorth (European Space Agency)
Barbara Thompson (NASA)

ILWS Agency Delegates:

David Berghmans (Royal Observatory of Belgium)
Pål Brekke (Norwegian Space Centre)
Wolfgang Frings (German Aerospace Center DLR)
Valery Korepanov (Ukrainian Space Agency)
Karel Kudela (Institute of Experimental Physics, Slovak Academy of Sciences, Kosice)
Per Magnusson (Swedish National Space Board)
Jean-Yves Prado (Centre National d'Etudes Spatiales)
Rainer Schwenn (German Aerospace Center DLR)

ILWS Task Groups:

End Users Task Group: Alexi Glover (European Space Agency)
Ground-Based Task Group: William Liu (Canadian Space Agency)
Solar Task Group: David Berghmans (Royal Observatory of Belgium)

Science Community Participants:

Zdenek Nemecek (Charles University)
Arik Posner (NASA)

Nations Present:

Belgium, Canada, Czech Republic, France, Germany, Japan, Netherlands, Norway, Russia, Slovakia, Sweden, Ukraine, United Kingdom, United States

Nations Reporting by Proxy:

Australia, Austria, China, Denmark, Greece, Hungary, Switzerland

Nations Absent:

Brazil, Finland, India, Italy, Morocco

Day 1: Wednesday June 11, 2008

Introductory Session

09.00 - 09.05 Opening comments and welcome: Madhulika Guhathakurta

09.05 - 09.15 Group introductions

09.15 - 09.30 Steering Committee Chair's Report: Madhulika Guhathakurta

Task Group Reports

09.30 - 10.00 End Users Task Group report: Alexi Glover

10.00 - 10.50 Ground-Based Task Group report: William Liu

10.50 - 11.10 Morning Break

11.10 - 11.25 Solar Task Group report: David Berghmans

11.25 - 12.00 New Activities Discussion: Heliosphere Task Group and Data activity

12.00 - 12.25 Steering Committee Discussion

12.25 - 13.30 Lunch

13.30 - 14.10 Science Presentation: Zdenek Nemecek

Agency and Mission Updates

Note: Mission updates were presented as part of the agency updates.

14.10 - 14.30 NASA Heliophysics Roadmap Update: Arik Posner

14.30 - 15.00 Ukraine and IONOSAT: Valery Korepanov

15.00 - 15.30 Norwegian Space Centre: Pål Brekke

15.30 - 16.00 Afternoon Break

16.00 - 16.10 ILWS in Slovakia: Karel Kudela

16.10 - 16.35 CNES: Jean-Yves Prado

16.35 - 16.50 DLR: Wolfgang Frings

16.50 - 17.10 ILWS Activities in Belgium and STCE: David Berghmans

17.10 - 17.25 Swedish National Space Board: Per Magnusson

17.25 - 17.40 Closing Discussion

Day 2: Thursday June 12, 2008

Agency and Mission Updates (continued)

09.00 - 09.25 JAXA: Masaki Fujimoto

09.25 - 09.35 Australia: Phil Wilkinson (presented by Masaki Fujimoto)

09.35 - 10.05 China: Wu Ji (presented by William Liu)

10.05 - 10.35 CSA: William Liu

10.35 - 10.55 Morning Break

10.55 - 11.10 STFC: Rosemary Young (presented by Hermann Opgenoorth)

11.10 - 12.00 ESA: Hermann Opgenoorth

12.00 - 12.05 Hungary: Karoly Kecskemety (presented by Anatoly Petrukovich)

12.05 - 12.30 Russia: Anatoly Petrukovich

12.30 - 13.30 Lunch

13.30 - 13.40 Danish report: Torsten Neubert (presented by Barbara Thompson)

13.40 - 14.00 Greece: Ioannis Dagleis (presented by Barbara Thompson)

14.00 - 14.05 Cubesats as a means of furthering international cooperation: Alexi Glover & Douglas Rowland

14.05 - 14.10 ILWS Austria: Rumi Nakamura and Helmut Rucker (presented by M. Guhathakurta)

14.10 - 14.40 ILWS NASA: M. Guhathakurta

14.40 - 15.00 Closing Discussion

Steering Committee Chair's Report

1) Task Group activities:

The Ionosphere/Thermosphere Task Group and the Magnetosphere Task Groups have completed their charters and they were discharged in mid-2007. The current Task Groups are Solar, End Users, and Ground-Based. We are about to initiate the Heliospheric Task Group, and input is requested from ILWS team members.

The End Users Task Group has been active over the past few months collating inputs on user requirements and service priorities from members and, in particular, the ISES (International Space Environmental Service) community. The TG expressed an interest in having an up to date list of ILWS missions and data, which would form a key input to the group's activity plan (see below). Also NOAA/SWPC (Space Weather Prediction Center) are working on a white paper discussing how SWPC believe ILWS can be an effective in helping the operational ISES centers in meeting evolving customer needs.

It was determined that a theory and modeling task group may not have a clear charge, so it was decided that in lieu of a task group we have invited a leader of the modeling community to serve in an *ex officio* capacity. Michael Hesse of the Community Coordinated Modeling Center (CCMC) has agreed to serve in this role.

Similarly, a discussion of a data task group indicated that it was not clear that there would be utility in this activity. Rather, we will encourage a meeting of data system representatives throughout the ILWS community to have a special discussion on data systems.

2) ILWS Organization:

David Sibeck has stepped down in his role as ILWS Executive Secretary. NASA has provided one for six years, and we are interested in determining whether other agencies may want to serve in this capacity.

ILWS Chair: ILWS Steering Committee Chairs serve for two years. The first three chairs were, respectively, Hermann Opgenoorth, William Liu, and Madhulika Guhathakurta. Currently, it is not clear who will serve the 2009-2010 term.

Meeting Frequency: The Steering Committee meets annually, but it remains to be decided

New Activities Discussion

It was decided that a data task group may not be the best way to approach data issues with respect to ILWS, so it was suggested that perhaps ILWS could host an activity bringing together data experts from many agencies to undertake a discussion of data service and analysis efforts, and produce recommendations. ILWS member agencies would be responsible for identifying data experts and providing resources for them to participate in this activity. Although there was discussion, there were no conclusions reached on this issue.

The Working Group reviewed the Heliosphere Task Group charter and approved the initiation of this new task group.

Mission Updates

As there have been several calls for updated mission information, a mission information template was developed that will be circulated to all ILWS delegates. It is requested that the template be completed for all ILWS missions. The mission requested is brief, and the template consists of a one-page summary with four quadrants:

- 1) Mission graphic, logo or image(s)
- 2) Science Objectives and associated requests for action (RFAs)
- 3) Mission Implementation Description and Measurement Strategy
- 4) Enabling and Enhancing Technology Development

Over the next couple of months, efforts will be made to collect a completed mission update on every ILWS mission.

Resolutions:

The Ground-Based Task Group, having completed its responsibilities, will be discharged. The chair of the Ground-Based Task Group (Eric Donovan) will be invited to serve as an *ex officio* member of the ILWS Working Group.

As the heliosphere is the only subdiscipline within ILWS that has not had a task group activity, the Working Group adopted a charter for the formation of a Heliosphere Task Group. The Steering Committee will act on recommendations for chairship and membership and will commission this new activity in the upcoming months.