

PRE-CONFERENCE IPY AND SCAR SCIENCE BUSINESS MEETINGS

For location and timing see table on conference web site
<http://www.scar-iasc-ipy2008.org/>
http://www.scar-iasc-ipy2008.org/SCAR2008meetings_v13.xls

POST-CONFERENCE XXX SCAR DELEGATES MEETING

Welcome Reception, Sunday evening, July 13, Academy of Sciences
Delegates Dinner, Tuesday evening, July 15
(for annotated agenda and timetable see
<http://www.scar.org/members/scarmeetingreports/xxxmoscow08/meetingpapers.html>)

RECEPTIONS AND FORMAL DINNERS

St. Petersburg:

Saturday July 5, 7–9 pm, Icebreaker Reception for SCAR Science Business attendees, and IPY committee members.
Hotel Park Inn Pribaltiyskaya

Monday July 7, 7–9 pm, Conference Welcome Reception for Conference participants.
Hotel Park Inn Pribaltiyskaya.

Thursday July 10, 7–10 pm, SCAR Dinner (prepayment required)

Moscow:

Sunday July 13, 7–9 pm, by invitation only for SCAR Delegates meeting attendees

Tuesday July 15, 7–10 pm SCAR Delegates meeting dinner (by invitation only)

GENERAL INFORMATION

Participants for both the St Petersburg and Moscow meetings are advised to make all arrangements through the conference web site (see <http://www.scar-iasc-ipy2008.org/>), which contains details on Registration; Hotels and Rates; Local travel and connections; Visas; Partners/Spouses; Tourism and Visits. Hotels rates quoted are per room and night, including breakfast, service and taxes. To keep costs down registrants may opt to share rooms. Participants are advised to book their accommodation well in advance. Costs rise steeply after the Early Bird Deadline. The final deadline for the pre-reservation for the Meeting will be July 1, 2008. Any reservation received after this date will also be accepted on request; but rates cannot be guaranteed after this date.



SECOND CIRCULAR

**Scientific Committee on Antarctic Research (SCAR)
International Arctic Science Committee (IASC)**

**Polar Research –
Arctic and Antarctic Perspectives
in the International Polar Year**



**SCAR/IASC IPY
Open Science Conference**

**St. Petersburg, Russia
July 8th – 11th 2008**



in association with

- XXX SCAR Science Business Meetings (July 4–7, 2008)
- XXX SCAR Delegates meeting (Moscow) (July 14–16, 2008, by invitation only)
- IPY Joint Committee Meeting (July 4–5, 2008)
- IPY Open Forum (July 7, 2008)
- Association of Polar Early Career Scientists (APECS)/SCAR/IASC/IGS Career Development Workshop (July 7, 2008)
- SCAR/IASC/CIIC/CREGIS Workshop on Improving Ice Sheet Models (July 5–7, 2008)

Meeting locations: In St Petersburg – Hotel Park Inn Pribaltiyskaya and Arctic and Antarctic Research Institute (AARI); in Moscow – Academy of Sciences

Registration in St Petersburg daily from 0900–1700 July 4–11, Hotel Park Inn Pribaltiyskaya

Low price Early Bird Registration ends April 20, 2008



DRAFT PLENARY PROGRAM

July 8, 2008

08:30 – 10:00 AM – Opening Ceremonies

(Masters of Ceremonies – C. Summerhayes and V. Rachold)

- Welcome – SCAR/ IASC Presidents – C. Rapley/K. Kristianssen
- Possible Welcome: Artur Chilingarov – Russian State Duma
- Possible Welcome – Valentina Matvienko – Governor of St Petersburg
- Welcome – from IPY co-sponsors – Alexander Bedritsky on behalf of WMO, and Khotso Mokhele on behalf of ICSU
- Welcome – Local Organizers – Vladimir Kotlyakov
- Welcome – COMNAP Perspective – Jose Retamales
- Open Science Conference Program Introduction – ISOC co-Chairs – M. Kennicutt and L. Hacquebord
- SCAR Medal Ceremony (3 awardees)

10:00 – 10:30 AM – WEYPRECHT LECTURE – Robin Bell (USA) – The Gamburtsev Mountains – an unexplored frontier (introduction by President of SCAR)

10:30 – 11:00 AM – COFFEE BREAK

11:00 – 11:30 AM – Vladimir Lipenkov (Russia). Subglacial Lake Vostok: a new great challenge to the Antarctic Sciences.

11:30 – 12:00 PM – Jerome Chappellaz (France) – The record of past climate change – ice core climate records from the poles

12:00 – 12:30 PM – John Walsh (USA) – Present and future Arctic and Antarctic climate change – a comparison

12:30 – 2:00 PM – LUNCH

2:00 – 2:30 PM – Jean-Claude Gascard (France) – The changing Arctic Ocean – ocean warming and sea ice extent

2:30 – 3:00 PM – Wayne Pollard (Canada) – The affects of climate change in the poles – permafrost, geology, and geomorphology

3:00 – 3:30 PM – Yvon Csonka (Greenland) – Polar societies and cultures in a changing world

3:30 – 4:00 PM – Ian Allison (Australia) – Ice sheet mass balance and sea level

4:00 – 4:30 PM – COFFEE BREAK

4:30 – 5:00 PM – Ulrich Bathmann (Germany) – Polar ocean ecosystems and changing climate

5:00 – 5:30 PM – Eigil Friis-Christensen (Denmark) – Space Weather – Fascinating Science and Auroral Displays

5:30 PM – Plenary Closing Remarks – House keeping, Announcements

SCIENCE SESSIONS AND CHAIRS

July 9–11, 2008

1.0 STATUS AND CHANGE

- 1.1 Earth Structure and Geodynamics at the Poles
Chairs: G. Leitchenkov (RUS) and D. Futterer (GER)
- 1.2 Polar Ocean Processes – Status and Change
Chairs: H. Loeng (NOR) and S. Rintoul (AUS)
- 1.3 Evolving Coastal, Near shore and Shelf Processes in the Polar Regions
Chairs: G. Cherkashov (RUS) and H. Lantuit (GER/EC)
- 1.4 Shrinking Snow and Ice: Rapid Change in the Polar Regions
Chair: V. Kotlyakov (RUS) and R. Bindshadler (USA)
- 1.5 Past, Present and Future Polar Climate Change
Chairs: R. Gersonde (GER) and K. Goto-Azuma (JPN)
- 1.6 Meteorological Processes in the Polar Regions
Chairs: K. Dethloff (GER) and T. Yamanouchi (JPN)

SCIENCE SESSIONS AND CHAIRS

(continuation)

- 1.7 Polar Terrestrial and Freshwater Ecosystems: Status and Change
Chairs: T. Callaghan (SWE/UK) and D. Bergstrom (AUS)
- 1.8 Polar Marine Ecosystems: Status and Change
Chair: M. Stoddart (AUS), E. Murphy (UK) and I. Ahn (KOR)
- 1.9 Status and Change in Cultural Heritage Sites in Polar regions
Chairs: S. Barr (NOR)
- 1.10 Status and Change in the Polar Regions – General Session
Chair: D. Carlson (IPY PO/UK) and H. Shin (KOR)
- 2.0 POLAR/GLOBAL LINKAGES
 - 2.1 Coupled Cryosphere/Ocean/Atmosphere Systems
Chair: D. Bromwich (USA) and T. Motoi (JPN)
 - 2.2 Polar/Global Biological Connections
Chairs: R. Drent and H. Moreano (ECU)
 - 2.3 The Sun's Interactions with the Earth's Atmosphere and Electromagnetic Environment
Chairs: K. Kauristie (FIN) and A. Kadokura (JPN)
 - 2.4 Human Linkages: The History of Non-indigenous Peoples in Polar Regions – Impacts and Interactions
Chair: D. Avango (SWE) and M. Bravo (UK)
 - 2.5 Polar/Global Linkages: General Session
Chair: C. Summerhayes (SCAR/UK) and V. Rachold (IASC/SWE)
- 3.0 A SENSE OF DISCOVERY
 - 3.1 Deep Sub-ice Water, Hydrological Systems and Ice sheet Interactions
Chairs: I. Alekhina (RUS) and M. Kennicutt (US)
 - 3.2 Frontiers in Polar Biology
Chairs: A. Huiskes (NETH), D. Gilichinski (RUS), and S. Kang (KOR)
 - 3.3 Polar Microbes, Genetics, and Molecular Biology
Chairs: T. Naganuma (JPN), J. Baeseman (USA/EC), and S. Lee (KOR)
 - 3.4 Technological Advances and Polar Exploration
Chair: J. Thiede (GER), Y. Naito (JPN), and M. Park (KOR)
 - 3.5 Polar Weather and Climate Forecasting
Chair: M. Beland (CAN) and T. Yamanouchi (JPN)
 - 3.6 Frontiers in Polar Scientific Drilling
Chair: K. Moran (US) and J. Lopez (SPA)
 - 3.7 A Sense of Discovery – General Session
Chair: C. Tweedie (USA/EC) and H. Motoyama (JPN)
- 4.0 THE POLES AS A VANTAGE POINT FOR OBSERVATIONS
 - 4.1 Polar Observing Systems
Chairs: B. Goodison (CAN) and K. Alverson (GOOS/FRA)
 - 4.2 Astronomy and Astrophysics
Chairs: M. Candidi (ITA) and J. Storey (AUS)
 - 4.3 New Ways of Looking at the Polar World
Chair: T. Mohr (GER), M. Drinkwater, and S. Marenssi (ARG)
 - 4.4 Earth's Magnetic Field: A View from the Poles
Chair: A. Meloni (ITA) and S. Pilipenko (RUS)
 - 4.5 Accessing and Preserving Data as an IPY Legacy
Chair: T. de Bruin (NETH) and M. Parsons (USA)
 - 4.6 The Poles as a Vantage Point for Observations
Chairs: E. Sarukhanian (WMO/SWZ) and K. Jezek (USA)
- 5.0 PEOPLE AND RESOURCES AT THE POLES
 - 5.1 People and Change
Chair: E. Andreeva (RUS)
 - 5.2 Harvesting and Exploitation of Polar Biological Resources
Chair: S. Mathiesen (NOR) and M. Fukuchi (JPN)
 - 5.3 Conservation, Tourism, and Visitor Management
Chairs: G. Reck (ECU) and D. H. Walton (UK)
 - 5.4 The Role of Native Knowledge in Modern Polar Science
Chairs: V. Gofman (USA) and S. Gearheard (CAN)
 - 5.5 Arctic and Antarctic Archeology
Chair: L. Hacquebord (NETH) and M. Murray (CAN)
 - 5.6 Polar Bridges: Social Scientists and Natural Scientists Working Together
Chairs: G. Hovelsrud (NOR) and I. Gan (AUS)
 - 5.7 Polar History and Institutionalization of Polar Research: The International Polar Years
Chair: C. Lüdecke (GER)
 - 5.8 People and Resources at the Poles – General Session
Chair: M. Borbor-Cordova (ECU/EC)

