

2010 年度極地雪氷分科会総会資料 国際機関・国際学会の動向

IACS (International Association of Cryospheric Sciences) (東)

・2011 年のメルボルンにおける IUGG 総会のセッションが決定

Session	Title
U-08	Global and Regional Sea Level Change
U-09	Do We Really Know the Hydrological Cycle?
U-10	Climate Change: a 360 Degree-View from IUGG Associations
U-12	Early Career Scientists in Geophysics
J-C01	Arctic System Modelling
J-C02	Snow and Avalanches in the Southern Hemisphere
J-C03	Snow – Atmosphere Interactions in Mountains
J-C04	Ice Shelves and Glacier Tongues – Ice on the Edge
C-01	Remote Sensing of the Cryosphere - linking and validating measurements from satellite, air, and ground
C-02	Ice Cores and Climate
C-04	Morphology of Snow and Ice on the Ground and in the Atmosphere
C-05	Glacier and Ice Cap Fluctuations
J-P01	The Southern Ocean in a changing world
J-M02	Data assimilation and ensemble forecasting for weather and climate
J-M05	Manifestation of anthropogenic forcing and natural variability in the Arctic and Antarctic climate systems
J-M07	Atmospheres and ice on terrestrial planets
J-M11	From Ice-house to Green-house: Studies of Natural and Human-Induced Climate Change
J-G02	Application of Geodetic Techniques in Cryospheric Studies
J-HW03	Impacts of changing climate, snow and ice on mountain hydrology
J-HW04	Subglacial water: Properties, processes and role in ice-mass dynamics
J-S07	Antarctic and Arctic Research

IPICS(International Partnerships in Ice Core Sciences) (本山)

- ・氷床コア研究者、エンジニア、ドリラーによる国際コミュニティー
- ・議長: Ed Brook (University of Oregon), Eric Wolff (BAS)
- ・日本代表: 本山(極地研)、東(長岡技科大)
- ・4つのプロジェクト(Oldest ice, Bipolar 50K, 2K Network, NEEM)に分かれて計画検討。
- ・次の会議は IPICS 2012, Giens France, October 2012

IPY Oslo Science Conference 2010 (藤田)

- ・国際極年 2007-2008 の成果を確認(IPY2007-2008 は 60ヶ国から 5万人の参加)
- ・2300の発表(調査・教育・アウトリーチ活動)
- ・日本からは 50弱の発表(極地研、JAMSTEC、大学関係者)
- ・2008年7月ロシア・サンクトペテルスブルグに続いて2回目
- ・次は 2012年にカナダ・モントリオールにて締めくくりの会議

IGS(International Glaciological Society)

- ・2010年6月にシンポジウム *Snow, Ice and Humanity in Changing Climate* を札幌で開催
- ・*International Symposium on Interactions of Ice Sheets and Glaciers with the Ocean*,
California, USA, June 2011
- ・*International Symposium on Glaciers and Ice Sheets in a Warming Climate*,
Fairbanks USA, June 2012
- ・*International Symposium on Ice Core Science*, IPICS, Giens France, October 2012
- ・*International Symposium on Sea Ice*, Hobart Australia, March-April 2014

AFoPS(Asian Forum for Polar Sciences) (本山)

- ・所長クラスの会合のみ。
- ・議長は中国極地研究所長 Yang 氏。

SCAR(Scientific Committee on Antarctic Research)

- ・XXXI SCAR and Open Science Conference, Jul-Aug 2010,
Buenos Aires, Argentina
- ・XXXII SCAR and Open Science Conference, July 2012, Portland USA