

PARCA 2013
Tuesday, January 29
8:30 AM - 5:00 PM
GSFC Building 33, Room H114

- 08:30 Welcome: Logistics**
Tom Neumann, Goddard Space Flight Center
- 08:45 View from Headquarters**
Jack Kaye/Thomas Wagner, NASA Headquarters
- 09:15 Transforming PARCA**
Charles Webb, NASA Headquarters
- 09:30 A Retrospective Report for the Ice-sheet Mass Balance Inter-comparison Exercise (IMBIE) of 2011-2012**
Erik Ivins, Jet Propulsion Laboratory
- 09:45 Glacier Contributions to Sea Level Rise: 2003-2009**
Alex Gardner, Clark University
- 10:00 Results from the Greenland Ice Mapping Project**
Ian Joughin, University of Washington
- 10:15 PSTG Coordinated SAR Data Collection in Polar Regions: An Update**
Bernd Scheuchl, University of California Irvine
- 10:30 BREAK**
- 10:50 The SURface Mass balance and snow on sea ice working groUP (SUMup)**
Lora Koenig, Goddard Space Flight Center
- 11:05 Operation IceBridge Arctic Activities and Data Products**
Michael Studinger, Goddard Space Flight Center
- 11:15 Integrated Elevation Change Estimates for the Greenland Ice Sheet**
Ben Smith, University of Washington
- 11:30 10 Years of GRACE Data: What Have We Learned?**
Isabella Velicogna, University of California Irvine
- 11:45 Land Ice Evolution from a GRACE Global Mascon Solution**
Scott Luthcke, Goddard Space Flight Center
- 12:00 Moderated Group Discussion: Synthesizing Knowledge about the Arctic**
- 12:20 LUNCH**
- 01:20 The Rapid Ice Sheet Change Observatory (RISCO): Bringing You to Useable Data Faster**
Ian Howat, Ohio State University
- 01:35 The Sub-meter Resolution Arctic**
Paul Morin, University of Minnesota
- 01:50 Ice-Ocean Interactions in Greenland**
Eric Rignot, University of California Irvine
- 02:05 Physical Controls on Ocean-Terminating Glacier Variability in Central West Greenland**
Ginny Catania, University of Texas at Austin
- 02:20 The Evolution of the Retreat of Jakobshavn Isbrae: Factors Maintaining an Unstable Tidewater Terminus and Eventual Impact on Ice Sheet Flow**
Mark Fahnestock, University of Alaska Fairbanks
- 02:35 Investigation of Inland Propagation of the Greenland Marginal Thinning**
Weili Wang, Goddard Space Flight Center
- 02:50 Submarine Melt Rates for Outlet Glaciers in Greenland**
Ellyn Enderlin, Ohio State University
- 03:05 Moderated Group Discussion: Expanding Our Colloaborations**
- 03:25 BREAK**
- 03:45 Climate and Sea Ice Interactions in the Record Sea Ice Decline of 2012**
Ted Scambos, National Snow and Ice Data Center
- 04:00 Arctic Sea Ice Drift Speed and Ice Thickness**
Ron Kwok, Jet Prpulsion Laboratory
- 04:15 Using Combined Records of IceBridge and Satellite-Derived Thickness and Extent Data to Constrain Future Projections of Arctic Sea Ice**
Julienne Stroeve, University of Colorado at Boulder
- 04:30 Towards an Improved System for Seasonal Arctic Sea Ice Forecasting**
Nathan Kurtz, NASA Goddard Space Flight Center
- 04:45 In Memoriam: Seymour Laxon**
H. Jay Zwally, Goddard Space Flight Center
- 05:30 POSTER SESSION & COCKTAIL HOUR (GSFC RECREATIONAL CENTER)**
- 06:30 DINNER (GSFC RECREATIONAL CENTER)**

PARCA 2013

Wednesday, January 30

8:30 AM - 12:00 PM

GSFC Building 33, Room H114

- 08:30 Mobile Slippery Spots Produce Uplifted Basal Bodies in Ice Sheet Stratigraphy**
Michael Wolovick, Columbia University
- 08:45 Influence of Basal Freeze-on Bodies on Surface Accumulation over Petermann Glacier Catchment**
Indrani Das, Columbia University
- 09:00 Greenland's Supra and Proglacial Rivers**
Asa Rennermalm, Rutgers University
- 09:15 Surface Melt Induced Changes in Subglacial Drainage, West Greenland**
Winnie Chu, Columbia University
- 09:30 Integrating IceBridge and ICESat Data with a Monte-Carlo Modeling Framework to Constrain the Mechanisms of Recent Acceleration in West Greenland Outlet Glaciers**
Hari Rajaram, University of Colorado at Boulder
- 09:45 Uncertainty Analysis of Ice Flow Models in Antarctica and Greenland**
Eric Larour, Jet Propulsion Laboratory
- 10:00 BREAK**
- 10:20 Radiostratigraphy of the Greenland Ice Sheet**
Joe Macgregor, University of Texas at Austin
- 10:35 Bedrock and Ice Thickness Mapping in Greenland**
Mathieu Morlighem, University of California Irvine
- 10:50 Extensive Basal Freeze-on and Deformation at Base of Greenland Ice Sheet**
Robin Bell, Columbia University
- 11:05 Coastal bathymetry of NW Greenland, from airborne gravity**
Kirsty Tinto, Columbia University
- 11:10 Tomographic Observation and Bedmapping of Umanaq Glaciers of Western Greenland with IceBridge Sounder**
Xiaoqing Wu, Jet Propulsion Laboratory
- 11:25 Discussion of Some Next Steps in Ice Sheet Geophysics**
Ken Jezek, Ohio State University
- 11:40 Moderated Group Discussion: Moving Forward**
- 12:00 ADJOURN**