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 Jakobshavns 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 Collaborations

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 Propulsion 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)
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