Io Workshop Agenda
Room W120
Space Science Building
LASP, CU, Boulder, Colorado, 80303
(www.boulder.swri.edu/~con/ioworkshop2012)

Tuesday, July 10

08:00  Breakfast and Coffee

08:30  Welcome and Logistics

08:40  Io's subsurface magma ocean
       Krishan Khurana

09:00  Global geologic Mapping of Io: Database Development and Next Steps
       David Williams

09:20  The Distribution of Lineations on Io and Implications for Tectonism
       Jani Radebaugh

09:40  Break
       Poster: Distribution of Io's Volcanic Thermal Emission From Galileo And Ground-Based
               Data - Glenn Veeder, Ashley Davies, Dennis Matson, Torrence Johnson, Dave Williams
               and Jani Radebaugh

10:10  Io's Plumes and Volcanoes 101
       Julie Rathbun

10:40  Sulfur Vapor Transport, Hotspot Temperatures
       Daniel Allen

11:00  The Role of Volatiles in Io's Volcanism
       Robert Howell

11:20  Spatial Distribution of Volcanoes on Io: Implications for Tidal Heating and Magma
       Ascent - Rosaly Lopes

11:40  Io’s Atmosphere 101
       John Spencer

12:15  Lunch Break

14:30  Update on UT Planetary Atmospheres Group Work
       Larry Trafton

14:50  STIS observations in eclipse
       Larry Trafton

15:10  Total Recall: 1996 Post Eclipse Egress Io Results
Kandis-Lea Jessup

15:20  Non-Response of Io's Atmosphere to Emergence from Jupiter Eclipse
       John Spencer

15:40  Break

16:10  Synergistic observations of Io's atmosphere from near-UV and mid-IR
       Constantine Tsang

16:30  Exploring Io's atmosphere chemistry with APEX & ALMA submillimetre
       observations - Arielle Moullet

16:50  MHD Modeling of Io's Plasma Interaction
       Xianzhe Jia

17:10  Discussion and End of Day

18:00  Dinner at the Backcountry Pizza and Tap House

Wednesday, July 11

08:30  Breakfast and Coffee

09:00  Io's Plasma Interactions 101
       Peter Delamere

09:30  Io Plasma and magnetosphere
       Vincent Dols

09:50  Time Variability of Io's Neutral Clouds and Plasma Torus
       Fran Bagenal

10:10  Post-eclipse behavior of Io's exosphere
       Cesare Grava

10:30  Break

11:00  Io's Plasma Torus and Neutral Cloud: 101
       Nick Schneider

11:30  NH Observations of Io Aurora and Oxygen Neutral Cloud
       Kurt Retherford

11:50  Observations of Io's atmosphere and its atmospheric escape
       Mizuki Yoneda

12:10  A Dusty Origin of Escaping Sodium?
       Nick Schneider
12:30  Lunch Break

14:00  At the other end of the field lines: the auroral consequences of Io's volcanism and its interaction with the Jovian magnetosphere.  
*Bertrand Bonfond*

14:20  NASA Planetary Science Summer School Mission to Io  
*Jamey Szalay & Terry-Ann Suer*

14:40  The Future of Io Exploration: Preparing for New Frontiers 5  
*David Williams*

15:00  Discussion

16:00  Close (and Trek)