Workshop on Jupiter's Aurora
Anticipating Juno's Arrival 4th July 2016

LASP, University of Colorado, Boulder CO

Each day coffee & refreshments will be served from 8.30am

WebEx each day:
https://swri15.webex.com/swri15/j.php?MTID=mfb3ad8903de5fdfa5002a39884ba70ba
Meeting number: 803 787 328   Meeting password: Juno2016

Monday March 7th

Setting the scene

      9.00   Overview of Juno mission & in situ particle measurements – Fran Bagenal
      9.15   Juno in situ fields & radio measurements – Bill Kurth
      9.45   Juno UV, optical, IR remote sensing – Randy Gladstone

10.15 Break

      10.30   Overview of Jupiter's auroral emissions - Jonny Nichols
      11.00   Lessons from observing Earth's aurora – Bob Ergun
      11.30   Lessons from Cassini at Saturn – Emma Bunce

12.00 Lunch

Earth-based observations

      13.00   Radio auroral emissions - Baptiste Cecconi
      13.30   X-rays from Chandra & XMM – Will Dunn
      14.00   Hubble: Main aurora – Jean-Claude Gerard

14.30 Break

      15.00   Hubble: Satellite aurora – Bertrand Bonfond
      15.30   Hisaki & Astro-H: Temporal variability – Tomoki Kimura
      16.00   Infrared aurora – Tom Stallard
      16.30   Panel discussion – What are outstanding issues?

18.00 = 6pm   Dinner at FATE Brewery

Tuesday March 8th

        9.00   HST Large Proposal in support of the Juno core mission– Denis Grodent
        9.30   Overview of the 2014 multi-instrument campaign – Sarah Badman

10.00 Break

Simultaneous plasma conditions
        10.00 Upstream solar wind predicted from Earth – KC Hansen
        11.00 Plasma measurements in the magnetosphere – Rob Ebert
        11.30 Energetic particle measurements in the magnetosphere – George Clark

12.00 Lunch

        13.00 Torus monitoring & modeling – Fran Bagenal/Andrew Steffl/Nick Schneider
Modeling
        13.15 Magnetosphere Ionosphere coupling– Barry Mauk
        13.45 Ionosphere-Thermosphere coupling – Michel Blanc
        14.15 Radio emission mechanisms – Philippe Zarka

14.45 Break

        15.00 Magnetic field modeling – Jack Connerney
        15.30 Short topics – open microphone
        16.00 Juno: Data Availability & Collaborations – Scott Bolton
        16.30 Panel discussion – What are key collaborative observations that need to be made?