

2014 SOLAR-C Meeting

Sunday, 2014 November 2

LWS/Hinode/IRIS meeting site: Double Tree Hotel Portland

< Meeting Agenda >

1. SOLAR-C Project Status

Chair: S. Savage

08:30-08:50 Brief Report on SOLAR-C Status
T. Watanabe (NAOJ; Chair of JAXA SOLAR-C Working Group)

08:50-09:10 SOLAR-C Science Goals and Requirements
H. Hara (NAOJ)

2. Science Goals; From Hinode-SDO-IRIS to SOLAR-C

Chair: K. Ichimoto

2-1. Chromospheric Diagnostics: Lessons Learned from IRIS and Ground Observations

09:10-09:40 SOLAR-C CaII854nm and HeI1083nm Observations
T. Anan (Kyoto University)

09:40-10:00 IRIS Observation of Small-Scale Dynamics in the Chromosphere and Corona
T. J. Okamoto (JAXA/ISAS)
Short Break (15 min)

Chair: S. McIntosh

2-2. Formation of Chromosphere and Corona (from IRIS to Solar-C)

10:15-10:45 High Resolution Photospheric and Chromospheric Observations with SOLAR-C
S. Wedemeyer-Bohm (Univ. of Oslo)

10:45-11:15 An IRIS view of the coupling between chromosphere and corona
B. De Pontieu (LMSAL)

11:15-11:45 High Resolution Observations of the Solar Corona with SOLAR-C
A. R. Winebarger (NASA/MSFC)

11:45-13:00 Lunch Break

Chair: T. Sakao

2-3. Flare Study

13:00-13:30 Modeling the magnetic field in the solar atmosphere guided by

observational constraints
C. J. Schrijver (LMSAL)

13:30–14:00 Towards a study of the trigger mechanism of Solar Flares with SOLAR-C
K. Kusano (Nagoya University)

14:00–14:15 The Advantages of High Spatial Resolution When Identifying Flare/CME Trigger Process: Lessons Learned from IRIS
K. Reeves (SAO)

2-4. Solar Cycle Study
14:15–14:45 Investigation on anisotropy of the magnetic field transport from Hinode observations and the expected improvement with SOLAR-C
Y. Iida (JAXA/ISAS)

Short Break (15 min)

Chair: H. Warren

2-5. Impact to the Fundamental Plasma Physics and Advanced Modeling in SOLAR-C Era

15:00–15:30 The Role of Numerical Modeling for High Resolution Observations: IRIS case and Issues or Prospect toward SOLAR-C
M. Carlsson (Univ. of Oslo)

15:30–16:00 Using SOLAR-C to study the fine structure of magnetic reconnection in solar flares
D. Longcope (Montana State Univ.)

16:00–17:00 **3. Discussion (led by K. Ichimoto)**

17:30: LWS Welcome Reception