

ISAS Workshop: Magnetospheric Plasmas 2015
Program (Oral)

<Day1>

1000

A Masters

Space Plasma Physics at 10 AU

1030

A. J. Steffl

Juno UVS

1100

F. Bagenal

Constraining Plasmasheet Composition: Juno + Hisaki/EXCEED + Physical
Chemistry Models

1130

Y. Ezoe

X-ray imaging spectroscopy of the Jupiter system

1200

<Lunch Break> & Poster viewing

1430

T. Kimura

Multi-wavelength observations of Jupiter's aurora with Hisaki and other space
telescopes: X-ray aurora in the polar cap region

1500

C. Tao

Variations of Jupiter's Auroral and Magnetospheric Dynamics Explored by Hisaki
Spectroscopy

1530

H. Kita

Solar wind response of Jovian EUV aurora from HISAKI observations

1600

<Break>

1615

S. Badman

Auroral signatures of plasma transport in Jupiter's magnetosphere

1645

P. Delamere

1715

<End of Day1>

<Day2>

1000

P. Brandt

Europa "torus" observations from INCA

1030

T. Smith

Io-generated neutral torus characterization and response to changing source rates

1100

<Break>

1115

Special free discussion session:

[What happens in the Jovian magnetosphere when outgas from Io is enhanced?]

- Introduction 1

Related results from Hisaki: I. Yoshikawa, G. Murakami, K. Yoshikawa

1215

<Lunch Break> & Poster viewing

1400

- Introduction 2

Overview of the Hisaki observations of IPT brightness enhancement:

F. Tsuchiya

1430

-Free-format discussion:

What happens in the Jovian magnetosphere when outgas from Io is enhanced?

Possible items: IPT characteristics, inner-magnetosphere, aurora, mid-inner magnetosphere connection, the cause of the enhancement itself

1700

Poster viewing

1830

<Party in casual style>

<Day3>

1000

H. Hasegawa

Science of MMS, Geotail, and multi-spacecraft observations

1030

S. Zenitani

High-speed fluid dynamics in magnetic reconnection in a low- β plasma

1100

P. Brandt

Ring Current Dynamics Across the Solar System

1130

K. Keika

Key unresolved issues to be addressed by in-situ ion measurements in the Earth's inner magnetosphere: ERG and Van Allen Probes collaborations

1200

<Lunch Break> & Poster viewing

1330

D. Turner

Energetic particle injections into Earth's inner magnetosphere

1400

T. Nishimura

Inner magnetosphere science from Akebono toward ERG: A review

1430

Q. G. Zong

Fast acceleration of energetic particle by ULF waves in the inner magnetosphere

1500

Y. Miyoshi

Energetic electron precipitation associated with pulsating aurora: EISCAT and Van Allen Probes observations

1530

<Break>

1545

K. Shiokawa

Ground Network Observations for the ERG Project

1615

M. Shoji

Electron and proton scattering by EMIC rising tone emissions

1645

Y. Kato

Simulation study of the generation process of whistler-mode chorus in planetary magnetospheres

1715

<Adjourn>