

Itinerary for 'Coordinated numerical modelling of the global jovian and saturnian systems'

Please prepare a ~30 minute presentation to start the discussion. Note that the timings below are flexible to accommodate discussion and jet-lag coffee breaks as necessary. SKYPE talks will start at the designated time to help our telecommuting participants.

MONDAY

MHD / MAGNETODISCS

9:00 Introduction

9:30 Emmanuel Chané

10:30 Nick Achilleos

11:30 Jon Nichols

LUNCH

14:00 Robert Winglee

15:30 Xianzhe Jia (SKYPE)

17:00 Usual Monday ISSI Welcome Reception

TUESDAY

KH BOUNDARY INTERACTIONS / MAGNETODISC TRANSPORT / ATMOSPHERES

9:00 Peter Delamere

10:30 Xuanye Ma

LUNCH

14:00 Marina Galand (SKYPE)

15:00 Chihiro Tao

16:00 Luke Moore

WEDNESDAY

M-I-(T) COUPLING

9:00 Japheth Yates

10:00 Licia Ray

11:00 Shotaro Sakai

LUNCH

Boundary conditions: Identify explicit overlaps / places where models could be extended to include neighboring modules

THURSDAY

BOUNDARY CONDITIONS / MERGING MODELS

9:00 - 12:00 Combining models / Improving physical descriptions / Identifying which models work best for certain physical descriptions / Determine how to improve spatial & temporal resolution as necessary for neighboring modules and/or the use of different numerical schemes

LUNCH

13:00 - 15:30 Break-out sessions to maximize joint projects / refining of model inputs & outputs

15:30 Summarize break-out sessions

FRIDAY

FUTURE WORK / MISSIONS / DATA VISUALIZATION

9:00 Modeling projects and upcoming missions (Juno, JUICE, Cassini Proximal Orbits)

10:30 Data visualization / toolkits discussion

LUNCH

13:30 Research projects for next meeting / discussion of modeling challenges and meeting #2 dates