

7th Workshop Agenda, RIAM 2019

31 January AM

9:30 - 9:40 Vladimir Shevchenko / Kazuaki Hanada

WS purpose and agenda

9:40 - 10:20 Vladimir Shevchenko

ECRH and ECCD Potential on ST40

10:20 - 11:00 Kazuaki Hanada

QUEST Summary

11:00 - 11:10 **Coffee Break**

11:10 - 11:50 Yuichi Takase

LH antenna development and plasma start-up experiment on TST-2

11:50 - 12:20 Ryuta Ko

Wave polarization and distribution measurement in TST-2 LH-driven plasmas

12:20 - 13:20 **Lunch**

31 January PM

13:20- 14:00 Hitoshi Tanaka

Present status of EBW experiment in LATE

14:00 - 14:40 Masayuki Ono

NSTX-U Start-up Program and Modeling of the QUEST 28 GHZ Plasma Start-up Experiment

14:40 – 14:50 **Coffee Break**

14:50 - 15:30 Luis F. Delgado-Aparicio

High resolution soft x-ray camera for QUEST and TST-2

15:30 - 16:10 Nicola Bertelli
Initial benchmark of ray-tracing codes and Fokker-Planck simulations in QUEST plasma

16:10 - 16:50 Atsushi Fukuyama
Modeling of EC waves in tokamak plasmas using the TASK code

16:50 - **Group Photo & QUEST Machine Tour**

1 February AM

9:30 - 10:10 Kengoh Kuroda
CHI Experiments in QUEST

10:10 - 10:50 Sadayoshi Murakami
Toroidal rotation measurements and modeling of toroidal torque by ECH in QUEST

10:50 - 11:30 Shin Kubo
System design of sub-THz collective scattering measurement for electron Bernstein wave detection

11:30 - 14:00 **Lunch**

1 February PM (Drafting of proposals for experiments, diagnosis, and analysis)

14:00 - **All Suggested focus and output for this joint drafting session**

16:30 - Vladimir Shevchenko
Summary