

International Joint Research Program for 2016  
The 5th Kyushu Workshop on Solenoid-Free  
RF-only ST Plasmas  
2-3.Feb. 2017, QUEST Building, RIAM

< 2-February >

AM

9:30-

Vladimir Shevchenko / Hanada

WS purpose and agenda

9:40-10:30

Vladimir Shevchenko (Culham Centre for Fusion Energy)

ST40: Status and Prospects

10:30-11:20

Masayuki Ono (Princeton Plasma Physics Laboratory)

An overview and motivation for the NSTX-U start-up research program

11:20-11:30

Coffee Break

11:30-12:10

Kazuaki Hanada (Kyushu Univ.)

Progress and Plans of QUEST Experiments (Tentative)

12:10-12:40

Kengoh Kuroda (Kyushu Univ.)

CHI Experiments in QUEST.

Lunch Time

PM

14:00-14:45

Hitoshi Tanaka (Kyoto University)

Recent results on EBW experiments in LATE

14:45-15:35

Yuichi Takase (The University of Tokyo)

Plasma Current Start-up and Ramp-up by LHW on TST-2

15:35-16:05

B. Roidl (The University of Tokyo)

Equilibrium reconstruction using a MHD-particle hybrid code to study  
LHW driven ST plasmas

==== QUEST Machine Tour ====

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AM

9:30 - 10:20

Gary Taylor (Princeton Plasma Physics Laboratory)

Non-Inductive Plasma Current Start-up, Ramp-up and Sustainment in NSTX-U

10:20-10:50

Nicola Bertelli (Princeton Plasma Physics Laboratory)

PPPL Code Capabilities for ECH and EBW

10:50-11:00

Coffee Break

11:00-11:30

Ryota Yoneda (Kyushu Univ.)

GENRAY-code analysis for ECH/EBW experiments in QUEST (Tentative)

11:30-12:00

Atsushi Fukuyama (Kyoto University)

Modeling of EC heating and current drive in QUEST plasmas (Tentative)

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