

YOUNG RESEARCHER FORUM

The Young Researcher Forum (YRF) is dedicated to students and researchers at early stages of their careers, and aims to encourage discussion and promote further collaboration among young researchers in the Asia-Pacific region.

June 7 (Wed.) 14:45 - 17:15

(i) Lectures on gyrokinetic turbulence simulations

14:45 Kenji Imadera Global full-f gyrokinetic turbulence simulations
-15:10 (Kyoto Univ.)

15:10 Masanori Nunami Local delta-f gyrokinetic turbulence simulations
-15:35 (NIFS)

Break

(ii) Presentations by students

15:45 Jae-Wook Kim Correlation between nonlinear time of pressure fluctuations and
-16:03 (KAIST) Kubo number of stochastic magnetic fields in BOUT++ simulation

16:03 Zhen-Zhen Ren Energetic particle modes of $q=1$ high order harmonics in tokamak
-16:21 (DLUT) plasmas with monotonic weak magnetic shear

16:21 Fumiyoshi Kin Extraction of nonlinear waveform in turbulent plasma
-16:39 (Kyushu Univ.)

16:39 Young-Woo Cho Study of Ion Thermal Internal Transport Barrier Formation in
-16:57 (SNU) Reversed Shear Plasmas: Role of Localized Heating

16:57 Ming-Kun Han Turbulent Particle Transport in Transport Barriers
-17:15 (DLUT)

- ◆ The session is at any time open for questions, ranging from fundamental to advanced.
- ◆ A copy of the presentation slides will be handed out to help your understanding.

Please feel free to join in and vitalize our discussion.



APTWG2017 YRF leaders: S. Maeyama (Nagoya Univ.), T. Zhang (ASIPP), M. J. Choi (NFRI)