

7th Asia Pacific Transport Working Group (APTWG2017) International Conference June 5-8, 2017 Nagoya University, Nagoya, Japan

Objective of the Meeting

The goal of the Asia-Pacific Transport Working Group (APTWG) is a predictive understanding of the basic mechanism responsible for particle, momentum, and heat transports in magnetically confined plasmas that have strong non-linearity, non-diffusivity, and non-locality.

The research for the characteristics of the turbulence and MHD activity is essential to understand the formation and termination of both internal and edge transport barrier in the magnetically confined plasma. It is essential to characterize the competition between turbulences and interaction between turbulence and MHD activity in space and time domain. The effect of magnetic topology on turbulence and MHD activity, which have been recognized to be an important in toroidal plasmas, are also emphasized in this meeting.

Working Group of this Meeting

(A) Turbulence and Blob at the boundary of magnetic topology (Edge and SOL)

WG leaders: D.F.Kong (ASIPP), M.Kobayashi (NIFS)

(B) Model reduction and experiments for validation

WG leaders: T.Fujita (Nagoya Univ.), Y.C. Ghim (KAIST)

(C) Mode competition in turbulence and MHD driven by energetic particle

WG leaders: Y.Kosuga (RIAM Kyushu Univ.) and L. Yu (SWIP)

(D) Mechanism determining plasma flows and their impact on transport and MHD

WG leaders: Won Ha Ko (NFRI) and D. Yu (SWIP)

Committees

■ Conference Organizers

Katsumi Ida (NIFS)

Tomo-Hiko Watanabe (Nagoya Univ.)

Zhongbing Shi (SWIP)

Taik S. Hahm (SNU)

Woo Chang Lee (NFRI)

Shigeru Inagaki (RIAM, Kyushu Univ.)

Jiaqi Dong (SWIP)

Xiang Gao (ASIPP)

Si Woo Yoon (NFRI)

Patrick H. Diamond (UCSD)

■ Local Organizers

Tomo-Hiko Watanabe (Nagoya Univ.) (Chair)

Kenji Nishioka (Nagoya Univ.)

Naoki Tamura (NIFS)

Tatsuya Kobayashi (NIFS)

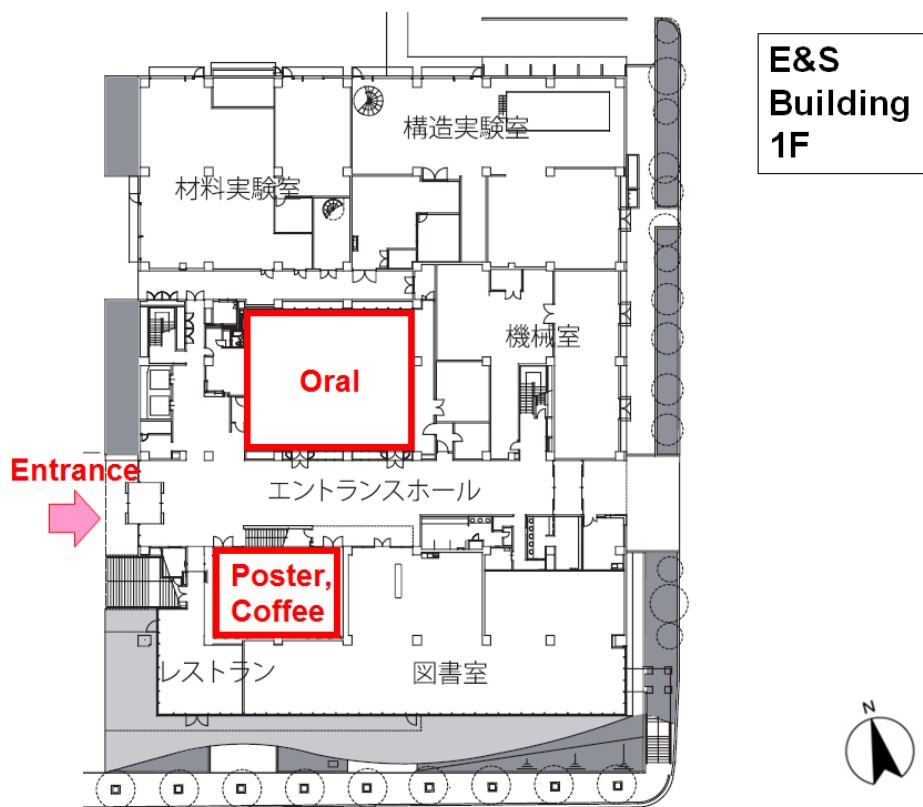
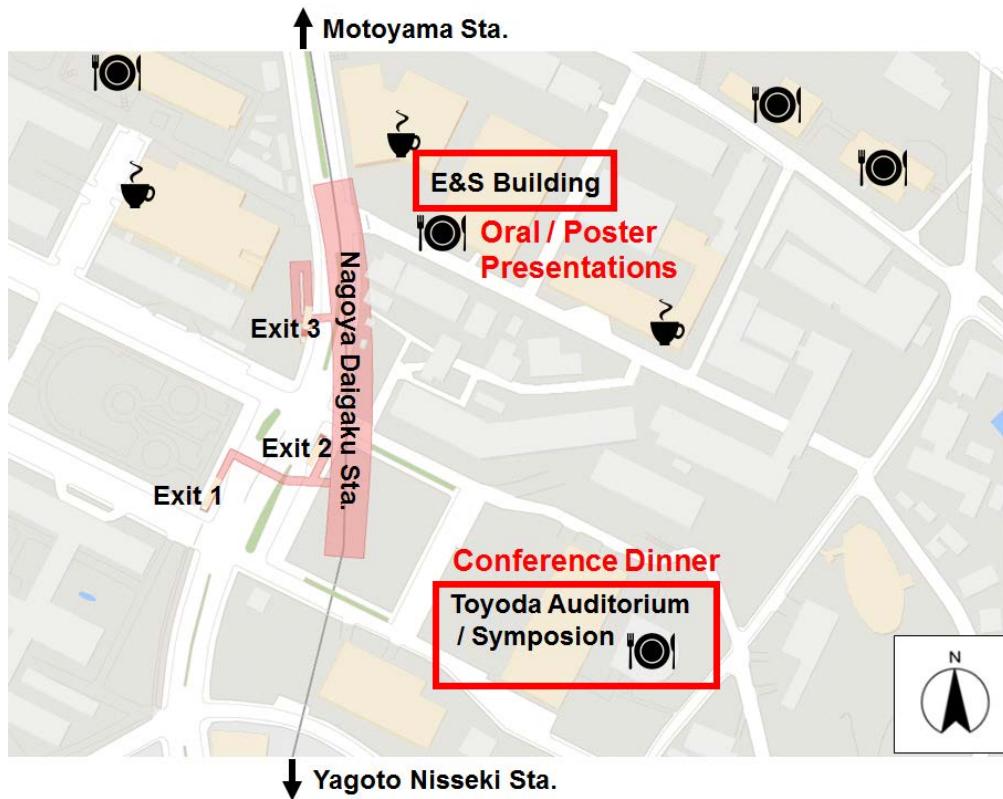
Shinya Maeyama (Nagoya Univ.)

Katsumi Ida (NIFS)

Mikirou Yoshinuma (NIFS)

Location & Maps

Engineering and Science (E&S) Building, Nagoya University (Higashiyama Campus)
Furo-cho, Chikusa-ku, Nagoya, 464-8602, Japan



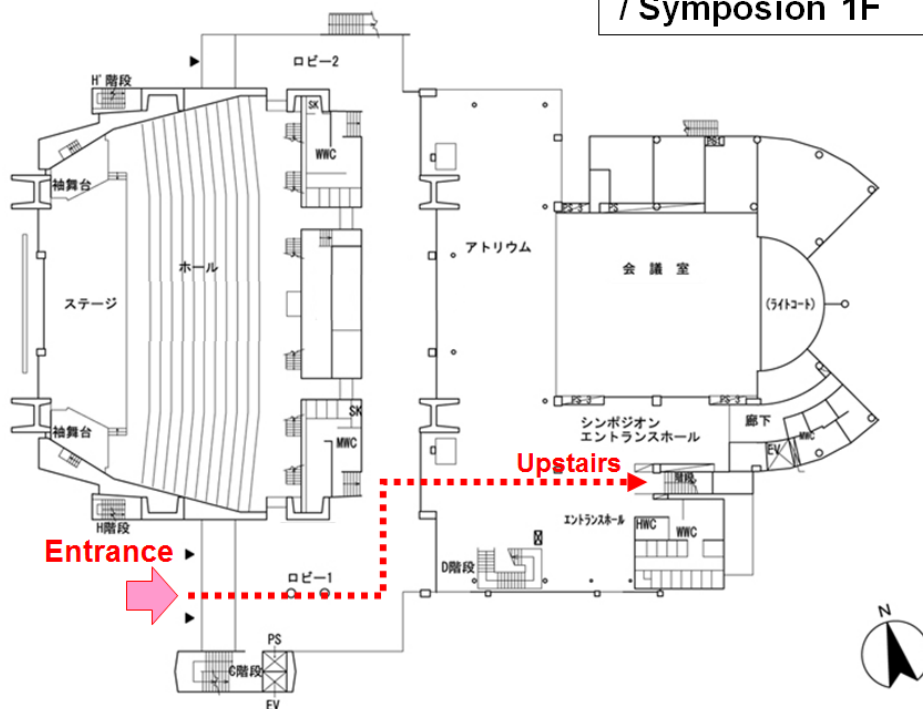
Conference Dinner

18:30 – 20:30, Tuesday, June 6, 2017

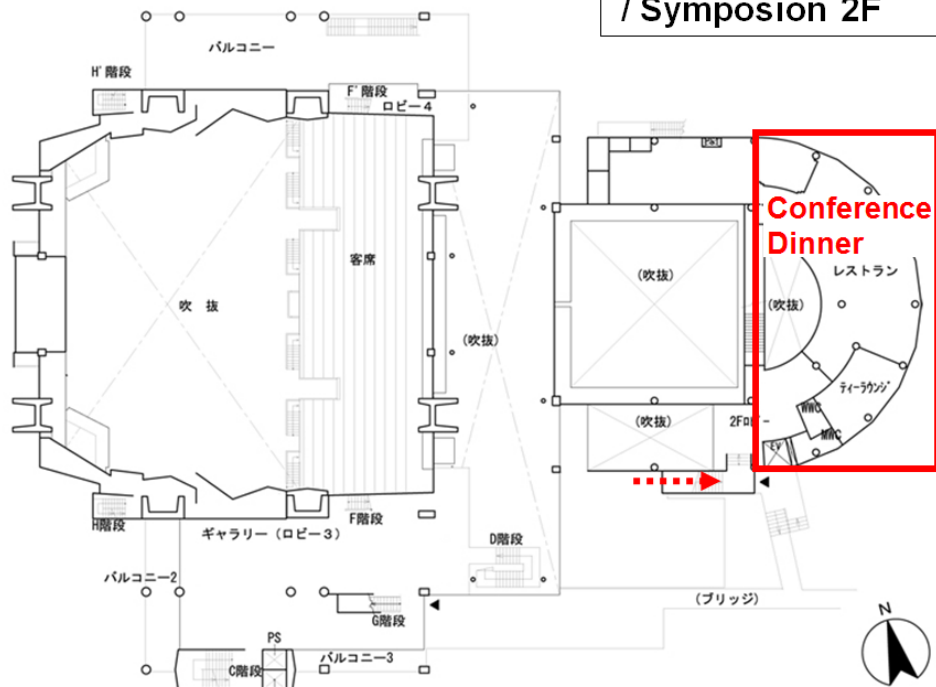
Restaurant Universal Club (located in Toyoda Auditorium / Symposion)

All of you are cordially invited to the conference dinner. Please wear your conference badge.

Toyoda Auditorium / Symposion 1F



Toyoda Auditorium / Symposion 2F



Refreshments

During coffee breaks refreshments will be offered free of charge at the same place for the Poster session.

No drink and no food in the Conference Hall.

Wireless LAN

Nagoya University Wireless Network (NUWNET) and Eduroam will be available. Your guest account of NUWNET will be issued at the registration desk.

Instructions for presentation

The conference consists of oral and poster presentations. Allotted time for presentation and discussion will be shown in the conference program. The projector only has VGA (D-Sub 15 pin) input. The default aspect ratio of the projector is 16:9 while 4:3 is also acceptable. We also ask for presentation at a poster session for all oral speakers (except for special and guest talks). The poster board size is 90 cm width and 170 cm height which accepts A0 portrait size.

Poster Prize

The outstanding poster presentation is awarded with the poster prize. Potential candidates are students and young researchers (within three years after getting his/her doctorate). The applicants should contact to LoC of APTWG2017 (aptwg2017@p.phys.nagoya-u.ac.jp) not later than 1 June, 2017.

Contact

If you have any questions, send e-mail to aptwg2017@p.phys.nagoya-u.ac.jp