Session Program

4–8 Jun 2017

27th IEEE Symposium on Fusion Engineering

M.OP1: Plasma Operation and Control

Marriott Shanghai City Center
555 Xi Zang Road (Middle), Huangpu District Shanghai 200003 China

Monday 5 June

M.OP1: Plasma Operation and Control
Session | **Location:** Salon 1

16:00–16:20

Plasma control for EAST long pulse non-inductive H-mode operation in a quasi-snowflake shape

Speaker
Bingjia Xiao

16:20–16:40   **Real-time control of MHD instabilities using ECCD**

Speaker
Matthias Reich

16:40–17:00

Real-time detection and localization of magnetic island used for neoclassical tearing mode control and disruption mitigation

Speaker
Ms Yang Zhang

17:00–17:20

A first analysis of JET plasma profile based indicators for disruption prediction and avoidance.

Speaker
Dr Alessandro Pau

17:20–17:40   **New control ability on EAST PCS for steady-state operation**

Speaker
Dr Qiping Yuan

17:40–18:00   **ELM pacing with lithium granules injection in W divertor on EAST**

Speaker
Dr Zhen Sun