

**Session Program**

22-27 Oct 2018

**27th IAEA Fusion Energy Conference - IAEA CN-258**

***EX/4-TH/2 H-Mode & Pedestal***

Mahatma Mandir Conference Centre  
Gandhinagar (nearest Airport: Ahmedabad), India

## Wednesday 24 October

16:40

### EX/4-TH/2 H-Mode & Pedestal

Session | Location: Mahatma Mandir Conference Centre, Gandhinagar (nearest Airport: Ahmedabad), India

16:40–17:00

#### A gyrokinetic discovery of fast L-H bifurcation physics in a realistic, diverted, tokamak edge geometry

Speaker

Dr Seung-Hoe Ku

17:00–17:20

#### Implications of JET-ILW L-H Transition Studies for ITER

Speaker

Dr Jon Hillesheim

17:20–17:40

#### L-H Transition Trigger Physics in ITER-Similar Plasmas with and without Applied $n=3$ Magnetic Perturbations

Speaker

Dr Lothar Schmitz

17:40–18:00

#### Gyrokinetic Analysis and Simulations of Pedestals

Speaker

Dr Mike Kotschenreuther

18:00–18:20

#### Transport Barriers in DIII-D High $\beta_p$ plasmas and Development of Candidate Steady State Scenarios for ITER

Speaker

Dr Joseph McClenaghan

18:20–18:40

#### Core Density Peaking Experiments in JET, DIII-D and C-Mod in Various Operational Scenarios - Driven by Fuelling or Transport

Speaker

Dr Tuomas Tala

18:45