

Session Program

22-27 Oct 2018

27th IAEA Fusion Energy Conference - IAEA CN-258

EX/9-TH/7 Divertor & Exhaust Physics

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

Friday 26 October

16:40

EX/9-TH/7 Divertor & Exhaust Physics

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

16:40–17:00 **First divertor physics studies in Wendelstein 7-X**

Speaker

Prof. Thomas Sunn Pedersen

17:00–17:20

Demonstration of Power Exhaust Control by Impurity Seeding in the Island Divertor at Wendelstein 7-X

Speaker

Dr Florian Effenberg

17:20–17:40

Progress in DIII-D Towards Validating Divertor Power Exhaust Predictions

Speaker

Dr Aaro Jaervinen

17:40–18:00

Predicting Scrape-Off Layer profiles and filamentary transport for reactor relevant devices

Speaker

Prof. Fulvio Militello

18:00–18:20

Study of passively stable, fully detached divertor plasma regimes attained in innovative long-legged divertor configurations

Speaker

Dr Maxim Umansky

18:20–18:40

Erosion, Screening, and Migration of Tungsten in JET Equipped with Tungsten Divertor

Speaker

Dr Sebastijan Brezinsek

18:45