

Session Program

22-27 Oct 2018

27th IAEA Fusion Energy Conference - IAEA CN-258 **EX/7-TH/5-EX/8,PPC/2-TH/6-EX/9-TH/7-EX/10-TH/8-** **EX11-PD P8 Posters**

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

Friday 26 October

14:00

EX/7-TH/5-EX/8,PPC/2-TH/6-EX/9-TH/7-EX/10-TH/8-EX11-PD P8 Posters

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

Experimental Evidence of Lower Hybrid Wave Scattering in Alcator C-Mod due to Scrape Off Layer Density Fluctuations

Speaker

Dr Gregory Wallace

Recent advances in ICRF heating of mixture plasmas: survey of JET and AUG experiments and extrapolation to JET-DT and ITER

Speaker

Dr Yevgen Kazakov

Real-time simulation of the NBI fast-ion distribution

Speaker

Markus Weiland

Exploring an Alternate Approach to Q=10 in ITER

Speaker

Dr Timothy C. Luce

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

Speaker

Dr Fulvio Militello

Progress in DIII-D Towards Validating Divertor Power Exhaust Predictions (

Speaker

Dr Aaro Jaervinen

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

Speaker

Dr Florian Effenberg

First divertor physics studies in Wendelstein 7-X

Speaker

Prof. Thomas Sunn Pedersen

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

Speaker

Dr Sebastijan Brezinsek

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

Speaker

Dr Maxim Umansky

Modelling third field operation in the ITER pre-fusion power operation phase

Speaker

Dr Mireille SCHNEIDER

Predictions of alpha-particle and neutral-beam heating and transport in ITER scenarios**Speaker**

Dr Eric M. Bass

ELM Control Physics with Impurity Seeding and LHCD in the HL-2A Tokamak**Speaker**

Mr Guoliang Xiao

nonlinear 2-fluid study of the effect of pellet injection on ELM dynamics**Speaker**

Dr Debasis Chandra

Dynamic ELM and divertor control using mixed toroidal harmonic resonant magnetic perturbations in DIII-D and EAST**Speaker**

Dr Youwen Sun

Experimental conditions for suppressing Edge Localised Modes by magnetic perturbations in ASDEX Upgrade**Speaker**

Dr Wolfgang Suttrop

Test of the ITER-like RMP configurations for ELM-crash-suppression on KSTAR**Speaker**

Prof. Yongkyoon In

Isotope effect on impurity and bulk ion particle transport in the Large Helical Device**Speaker**

Dr Katsumi Ida

3D structure of density fluctuations in T-10 tokamak and new approach for current profile estimation**Speaker**

Dr Vladimir Vershkov

Gyrokinetic XGC1 Simulation Study of Magnetic Island Effects on Neoclassical and Turbulence Physics in a KSTAR Plasma**Speaker**

Dr Jae-Min Kwon

Explaining Cold-Pulse Dynamics in Tokamak Plasmas using Local Turbulent Transport Models**Speaker**

Mr Pablo Rodriguez Fernandez

Benchmarking of Full-f Global Gyrokinetic Modeling Results Against the FT-2 Tokamak Doppler Reflectometry Data Using Synthetic Diagnostics**Speaker**

Mr Alexey Altukhov

Origin of Harmonics of Drift Tearing Mode in ADITYA tokamak**Speaker**

Ms Harshita Raj

Effect of multiscale interaction between an $m/n=2/1$ mode and micro instabilities on transport of KSTAR plasmas*

18:45

Speaker
Dr Minjun J. Choi