

Session Program

22-27 Oct 2018

27th IAEA Fusion Energy Conference - IAEA CN-258

EX/10-TH/8 Transport

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

Saturday 27 October

08:30

EX/10-TH/8 Transport

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

08:30–08:50 **Isotope effect on impurity and bulk ion particle transport in the Large Helical Device**

Speaker

Dr Katsumi Ida

08:50–09:10

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

Speaker

Dr Vladimir Vershkov

09:10–09:30

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

Speaker

Dr Jae-Min Kwon

09:30–09:50

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

Speaker

Mr Pablo Rodriguez-Fernandez

09:50–10:10

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

Speaker

Mr Alexey Altukhov

10:15