

Session Program

22-27 Oct 2018

27th IAEA Fusion Energy Conference - IAEA CN-258

FIP/1 ITER Technology

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

Monday 22 October

16:40

FIP/1 ITER Technology

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

16:40–17:00 **Completion of the first TF Coil Structure of ITER**

Speaker

Dr Masataka Nakahira

17:00–17:10

Completion of 1st ITER gyrotron manufacturing and 1 MW test result & Outcome of R&D program for ITER ICRF Power Source System & Recent progress in the development of the European 1 MW, 170 GHz CW gyrotron for ITER

Speaker

Dr Yasuhisa Oda

17:10–17:15 **Outcome of R&D program for ITER ICRF Power Source System**

Speaker

Dr Yasuhisa Oda

17:15–17:20

Recent progress in the development of the European 1 MW, 170 GHz CW gyrotron for ITER

Speaker

Dr Yasuhisa Oda

17:20–17:30

Technologies for realization of Large size RF sources for –ve neutral beam systems for ITER –Challenges, experience and path ahead & Progress in the ITER Neutral Beam Test Facility & Demonstration of 1 MV vacuum insulation for the vacuum insulated beam source in the ITER NB system

Speaker

Mr Jaydeepkumar Joshi

17:30–17:35 **Progress in the ITER Neutral Beam Test Facility**

Speaker

Mr Jaydeepkumar Joshi

17:35–17:40

Demonstration of 1 MV vacuum insulation for the vacuum insulated beam source in the ITER NB system

Speaker

Mr Jaydeepkumar Joshi

17:40–18:00 **Diagnostic mirrors for ITER: research in a frame of International Tokamak Physics Activity**

Speaker

Dr Andrey Litnovsky

18:00–18:20

Integration of Thomson scattering and laser-induced fluorescence in ITER divertor: engineering and performance analysis

Speaker

Dr Eugene Mukhin

18:20–18:40 **Current Design and R&D Progress of CN HCCB TBS**

18:45

Speaker
Prof. Xiaoyu WANG