

Session Program

22-27 Oct 2018

27th IAEA Fusion Energy Conference - IAEA CN-258

FIP/3 DEMO & Advanced Technology

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

Thursday 25 October

16:40

FIP/3 DEMO & Advanced Technology

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

16:40–17:00 **Overview of the DEMO Design-Staged Approach in Europe**

Speaker

Dr Gianfranco Federici

17:00–17:20 **Development of physics and engineering designs for Japan's DEMO concept**

Speaker

Dr Yoshiteru Sakamoto

17:20–17:40 **Novel Radio Frequency Current Drive Systems for Fusion Plasma Sustainment on DIII-D**

Speaker

Dr Gregory Wallace

17:40–18:00

Impact of High Field & High Confinement on L-mode-Edge Negative Triangularity Tokamak (NTT) Reactor

Speaker

Dr Mitsuru Kikuchi

18:00–18:10

Amelioration of plasma-material interactions and improvement of plasma performance with a flowing liquid Li limiter and Li conditioning on EAST & Experiments on FTU with a liquid tin limiter

Speaker

Dr Rajesh Maingi

18:10–18:20 **Experiments on FTU with a liquid tin limiter**

Speaker

Dr Rajesh Maingi

18:20–18:40 **Development of a Lithium Vapor Box Divertor for Controlled Plasma Detachment**

Speaker

Robert Goldston

18:45