

Session Program

4-8 Jun 2017



27th IEEE Symposium on Fusion Engineering

M.OP3: Next Step Devices, DEMO, Power Plants

Marriott Shanghai City Center
555 Xi Zang Road (Middle), Huangpu District Shanghai 200003 China

Monday 5 June

16:00

M.OP3: Next Step Devices, DEMO, Power Plants

Session | Location: Salon 3

16:00-16:20 **Status of K-DEMO Design Concept Study**

Speaker

Dr Keeman Kim

16:20-16:40

Building a Virtual Tokamak - Integrated Multi-Physics Modelling for Fusion Engineering

Speaker

Mr Matti Coleman

16:40-17:00

Conceptual development of K-DEMO, highlighting maintenance and support details of in-vessel components

Speaker

Mr Thomas Brown

17:00-17:20

Preliminary Research on Reliability Index System of Fusion Power Plant

Speaker

Dr Dagui Wang

17:20-17:40

Initial concept for the plasma diagnostic and control system for the European DEMO tokamak reactor

Speaker

W. Biel

17:40-18:00 **Status of the US Virtual Laboratory for Technology**

Speaker

Dr Phil Ferguson

18:00