

Session Program

4-8 Jun 2017



27th IEEE Symposium on Fusion Engineering

W.OP3: Blankets and Tritium Breeding: Solid Breeders

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

Wednesday 7 June

16:00

W.OP3: Blankets and Tritium Breeding: Solid Breeders

Session | Location: Salon 3

16:00–16:20

Progress in design activities related to the water cooled breeder blanket for CFETR Phase-I

Speaker

Prof. Songlin Liu

16:20–16:40

Overview of the HCPB Research Activities in EUROfusion

Speaker

Francisco Hernandez

16:40–17:00

Study of the pebble beds for tritium breeding blanket

Speaker

Prof. Hongli Chen

17:00–17:20

3D Unsteady Model for Be-steam Reaction in Water Cooled Ceramic Breeder Blanket

Speaker

Dr Andrei Khodak

17:20–17:40

Tritium release from Li_4SiO_4 : The effect of material properties

Speaker

Dr Guangming Ran

17:40–18:00

Parametric analysis of the EU DEMO HCPB breeding blanket thermal-hydraulic transient operation using the GETTHEM code

Speaker

Prof. Roberto Zanino

18:00