

Session Program

4-8 Jun 2017



27th IEEE Symposium on Fusion Engineering

T.OA3: Blankets and Tritium Breeding: Liquid Breeders

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

Tuesday 6 June

10:40

T.OA3: Blankets and Tritium Breeding: Liquid Breeders

Session | Location: Salon 3

10:40-11:00

DESIGN OF CHINESE DEMO BLANKET CONCEPTS AND R&D PROGRESS OF DFLL TBM

Speaker

Prof. Qunying Huang

11:00-11:20

WCLL breeding blanket design and integration: lessons learned in 2016 and follow-up

Speaker

Alessandro Del Nevo

11:20-11:40

CONSOLIDATED DESIGN OF THE LOW TEMPERATURE EU-DCLL

Speaker

David Rapisarda

11:40-12:00

Integration of the Neutral Beam Injector System into the DCLL breeding blanket for the EU DEMO

Speaker

Dr Iván Fernández-Bergeruelo

12:00-12:20

Development, characterization and testing of a SiC-based material for Flow Channel Inserts in high temperature DCLL blankets

Speaker

Mrs Carlota Soto

12:20-12:40

THE APPLICATION OF NANO FLUID TECHNOLOGY ON MHD EFFECT OF LIQUID METAL TRITIUM BREEDER BLANKETS

Speaker

Dr zi meng

12:40