

Session Program

4-8 Jun 2017



27th IEEE Symposium on Fusion Engineering

W.OA1: Materials II

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

Wednesday 7 June

10:40

W.OA1: Materials II

Session | Location: Salon 1

10:40–11:00

Integrating Materials Engineering and Design for Fusion

Speaker

Dr Michael Gorley

11:00–11:20

Material Solutions for Flow Channel Inserts for Liquid Metal Blankets

Speaker

Dr Yutai Katoh

11:20–11:40

Effect of Heat Treatment on Anisotropic Tensile Behavior of CLAM Steel Fabricated by Additive Manufacturing

Speaker

Dr Yutao Zhai

11:40–12:00

Synergetic effects of He ions irradiation and oxidation on W

Speaker

Yi-Ming Lyu

12:00–12:20

Tungsten-steel composites fabricated by roll bonding and ultrasonic welding for structural use in plasma-facing components

Speaker

Lauren Garrison

12:20–12:40

Experimental investigation on heat transfer performance enhancement of PFC hypervapotron by micro surface manipulation technology

Speaker

Prof. Shenghong Huang

12:40