

## Session Program

4-8 Jun 2017



## 27th IEEE Symposium on Fusion Engineering

### *M.OP2: Materials I*

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

# Monday 5 June

16:00

## M.OP2: Materials I

Session | Location: Salon 2

16:00–16:20 **Application of Materials Science Advances to Fusion Energy**

**Speaker**

Dr Steven J. Zinkle

16:20–16:40

**Thermomechanical properties of nanostructured W based coatings under ITER-relevant thermal loads**

**Speaker**

Mr Edoardo Besozzi

16:40–17:00

**EFFECTS OF TEMPERATURE AND HE CONCENTRATION ON FORMATION AND GROWTH OF HE BUBBLE IN BCC IRON UNDER IRRADIATION**

**Speaker**

Jie Zhan

17:00–17:20

**Effects of high-energy C ions irradiation on the D retention behavior in V-5Cr-5Ti**

**Speaker**

Mr Yu-Ping Xu

17:20–17:40

**The experimental investigation of wetting property for liquid lead lithium alloy with breeder blanket materials**

**Speaker**

Prof. Weihua Wang

17:40–18:00

**Design, synthesis and characterization of Li<sub>4</sub>SiO<sub>4</sub>-based solid solutions as advanced tritium breeders**

**Speaker**

Linjie Zhao

18:00