Session Program

October 28, 2024 to November 1, 2024

16th International Workshop on Spallation Materials Technology (IWSMT16)

Fundamental studies on the effects of radiation damage in materials. Innovative radiation damage resistant materials technology

The Cosener's house
15 - 16 Abbey Close, Abingdon, Oxfordshire, OX14 3JD UK

Thu, October 31

3:40 PM

Fundamental studies on the effects of radiation damage in materials. Innovative radiation damage resistant materials technology: (Conveners: David McClintock & Yong Dai)

Session | **Location:** The Cosener's house, 15 - 16 Abbey Close, Abingdon, Oxfordshire, OX14 3JD UK

3:40 – 4:05 PM

Applicability of Ferritic/Martensitic Steels for Spallation Applications: Comparison of Performance in Fission, Fusion to Spallation Systems

Speaker
James Stubbins

4:05 – 4:30 PM

Hydrogen and tritium in various materials irradiated in STIP

Speaker
Yong Dai

4:30 – 4:55 PM

Understanding the fracture of nuclear grade graphite with radiation damage and thermal heating

Speaker
Dong (Lilly) Liu

4:55 – 5:20 PM

High-Entropy Alloy R&D for Accelerator Beam Window Applications

Speaker
Abe Burleigh

5:20 PM

Fri, November 1

9:00 AM

Fundamental studies on the effects of radiation damage in materials. Innovative radiation damage resistant materials technology: (Conveners: David McClintock & Yong Dai)

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9:00 – 9:25 AM

Status and Plan of Materials and the Radiation Damage Analysis in FRIB

Speaker

Eiichi WAKAI

9:25 AM