

Session Program

October 28, 2024 to November 1, 2024

16th International Workshop on Spallation Materials Technology (IWSMT16)

***Results from Post-Irradiation Examination of
target and structural materials, innovative
experimental techniques in study of
irradiated materials***

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

Thu, October 31

11:00 AM

Results from Post-Irradiation Examination of target and structural materials, innovative experimental techniques in study of irradiated materials: (Conveners: Kavin Ammigan & Eiichi Wakai)

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

11:00 - 11:25 AM

Outcome of the Post-Irradiation Examination of the baseline design prototype target and Nb-cladding R&D for the Beam Dump Facility (BDF) at CERN

Speaker

Rui Franqueira Ximenes

11:25 - 11:50 AM

Autopsy of the n_TOF spallation target at CERN

Speaker

Oliver Aberle

11:50 AM - 12:15 PM

An overview of STIP results – lifetime assessment of components in spallation targets

Speaker

Yong Dai

12:15 - 12:40 PM

Post-irradiation examinations of solution annealed and cold worked Inconel 718

Speaker

Dr Peng Bi

12:40 PM

1:40 PM

Results from Post-Irradiation Examination of target and structural materials, innovative experimental techniques in study of irradiated materials: (Conveners: Kavin Ammigan & Eiichi Wakai)

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1:40 - 2:05 PM

Post irradiation examination and lifetime limits of highly irradiated components at the Spallation Neutron Source and High Flux Isotope Reactor

Speaker

David McClintock

2:05 - 2:30 PM

Multimodal characterization of samples from Spallation Neutron Source components exposed to extreme radiation and transmutation-inducing environments

Speaker

Timothy Lach

2:30 - 2:55 PM

Irradiation Effect of SIMP Steel as Candidate Structural Materials for Accelerator Driven System

Speaker
Tielong Shen

2:55 - 3:20 PM **Irradiation response of SIMP steel in STIP**

Speaker
Yushan YANG

3:20 PM