

Program

30 October 2023 to 2 November 2023

Consultancy Meeting on Further Development of the Fusion Evaluated Nuclear Data Library (FENDL)

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Monday 30 October

10:00

Introduction and Evaluations

Session

10:00–10:45

Brief History of the FENDL Nuclear Data Library for Fusion

Speaker

Ulrich Fischer

10:45–11:30

Potential impact of new evaluated data files on the FENDL Library

Speaker

Andrej Trkov

11:30–12:15

Recent progress in JENDL charged particle files

Speaker

Shinsuke Nakayama

12:30

14:00

FENDL-Related Activities

Session

14:00–14:45

Fusion Related Activities at CV Rez

Speaker

Michal Kostal

14:45–15:30

Current FENDL Activities at the University of Wisconsin-Madison

Speaker

Tim Bohm

15:30–16:15

Covariance methodology for the FENDL project

Speaker

Georg Schnabel

17:00

Tuesday 31 October

10:00

Benchmarking, Open Issues, Planning

Session

10:00–10:45 Problems of FENDL-3.2b**Speaker**

Saerom Kwon

10:45–11:30**Neutronics using FENDL data: Experimental benchmarking at JET in DTE2 with ITER materials****Speaker**

Lee Packer

11:30–12:15 Issues to the next FENDL**Speaker**

Chikara Konno

12:30

14:00

Benchmarking, Open Issues, Planning

Session

14:00–14:45 The importance of W cross sections in compact fusion devices**Speaker**

Tim Eade

14:45–15:30 Nuclear data used for IFMIF-DONES and current issues**Speaker**

Yuefeng Qiu

15:30–16:15 UKAEA experience in V&V of FENDL-3.2 and proposals for future activities**Speaker**

Ivo Kodeli

17:00

Wednesday 1 November

10:00

Code Development

Session

10:00–10:45 Updating the NJOY2016.72 code for processing FENDL

Speaker

Daniel Lopez Aldama

10:45–11:30 Status of JADE and recent developments

Speakers

Davide Laghi, Marco Fabbri

11:30–12:15

UKAEA development of the JADE tool for V&V of nuclear data and particle transport codes

Speaker

Alex Valentine

12:30

14:00

Data Governance & IT Infrastructure

Session

14:00–14:45 Tools and data management in the FENDL project

Speaker

Georg SCHNABEL

14:45–15:30 Making fusion experimental data FAIR

Speaker

Nathan Cummings

15:30–16:15 An overview of nuclear data processing with OpenMC

Speaker

Jonathan Shimwell

17:00

Thursday 2 November

10:00
15:00

General Discussion
Session