

Session Program

8-12 Jun 2026

2nd Fusion Neutronics Meeting 2026

Neutron Source Facilities Design and Exploitation

Karlsruhe Institute of Technology, Campus north, FTU
Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen

Tuesday 9 June

11:30

Neutron Source Facilities Design and Exploitation

Session |

Location: Karlsruhe Institute of Technology, Campus north, FTU, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen

11:30–11:50

Predictive neutron source modelling for the ITER 15MA/5.3T D-T baseline scenario

Speaker

Žiga Štancar

12:10–12:30

Evaluation of Shutdown Dose Rate at JET after the second Deuterium-Tritium Campaign

Speaker

Ylenia Kogovšek Žiber

12:30

Wednesday 10 June

09:00

Neutron Source Facilities Design and Exploitation

Session |

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09:00–09:20

Status and Recent Developments of IFMIF-DONES: Neutronics Activities

Speaker

Miguel Macias

09:20–09:40

Comprehensive Radiological Dose Mapping of the IFMIF-DONES Accelerator System During Operation and Shutdown

Speaker

ANTONIO JESUS LOPEZ REVELLES

09:40–10:00

High Intensity D-T Neutron Source HINEG and Its Applications

Speakers

Ms Qi Yang, Mr Jun Gao, Mr Wei Wang

10:00

Thursday 11 June

12:30

Neutron Source Facilities Design and Exploitation

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12:30–12:50

Estimation of the STUMM-DONES detector's responses using the MC method

Speaker

Urszula Wiącek

Location

Online

12:50–13:10

Assessment of irradiation modules diagnostics and capsule filling in IFMIF-DONES

Speaker

Irene Álvarez Castro

Location

Online

13:10

14:10

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14:10–14:30

Neutron irradiation conditions in the IFMIF-DONES Test Cell and Complementary Experiments Room R160

Speaker

Dr Arkady Serikov

14:30–14:50

Radiation Transport Analysis of Beam Loss in the LIPAc Superconducting RF Accelerator

Speaker

Kohki Kumagai

14:50–15:10

Investigation of proton-induced ${}^7\text{Li}$ nuclear data for fusion neutron facilities

Speaker

Saerom Kwon

15:10

15:40

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15:40–16:00

Assessment of the Neutron Generator emission parameters for the in situ calibration of ITER neutron diagnostics

Speaker

Mr Aleksei Pankratenko

16:00–16:20

The TU-Dresden Neutron Generator

Speaker

Dr Bjoern Lehnert

16:20–16:40

Commissioning and hydrogen test of the ion source for Sorgentina-RF

Speaker

Dr Nicola Fonnesu

16:40