

IFMIF-DONES Users Workshop (on-line)

Monday, September 26, 2022 - Tuesday, September 27, 2022

Scientific Program

Current status of IFMIF-DONES design and the construction and commissioning plan.
Definition of pre-DONES activities: irradiation database and technologies to be developed before using the facility.
Roadmap of material qualification for DEMO at IFMIF-DONES.
High Flux Test Module: structural materials irradiation needs for fusion applications including planning of sample loads and their post irradiation exploitation.
Other irradiation modules to be placed in the high-flux radiation environment.
Opportunities for the production of radioisotopes at DONES.
Collimated neutron beam facility, proposed experiments and operation mode.
Implementation of a neutron time-of-flight facility at DONES - feasibility evaluation and experimental opportunities.
Any other possible experiments.

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Session 2. Definition of pre-DONES activities: irradiation database and technologies to be developed before using the facility

Session 3. Roadmap of material qualification for DEMO at IFMIF-DONES

Session 4. High Flux Test Module: structural materials irradiation needs for fusion applications including planning of sample loads and their post irradiation exploitation

Session 5. Other irradiation modules to be placed in the high-flux radiation environment

Session 6. Opportunities for the production of radioisotopes at DONES

Session 7. Collimated neutron beam facility, proposed experiments and operation model

Session 8. Implementation of a neutron time-of-flight facility at DONES - feasibility evaluation and experimental opportunities

Session 9. Any other possible experiments, discussion and summary