Contribution ID: **17**   Type: **not specified**

Ranking of iron nuclear data performance for fusion application using a suite of benchmark experiments

Wednesday 14 May 2025 15:00 (30 minutes)

A suite of Fe benchmark integral experiments with D-T, Cf-252 and fast fission neutron sources from the IPPE, Rez and ASPIS facilities shall be presented and used to rank FENDL-3.1d and FENDL-3.2c libraries according to their performances in MCNP computational models compared to experimental data. Different metrics for the evaluation of Computational-Experimental difference shall be assessed via the JADE code post-processing features.

Author: MILOCCO, Alberto

Co-authors: Mr LAGHI, Davide (F4E); Mr FABBRI, Marco (F4E)

Presenter: MILOCCO, Alberto

Session Classification: Verification & Validation