【Track4】Fuel Performance Code (OFFBEAT)

Development of a high-fidelity PCMI database using multidimensional OFFBEAT simulations for surrogate modeling in nuclear fuel performance codes

Marco Barbieri

University of Bologna

Reduced order modelling of PCMI with machine learning

Janne Heikinheimo

VTT Technical Research Centre of Finland Ltd

Uncertainty Quantification and Sensitivity Analysis in Multidimensional PCMI Modeling: OFFBEAT Coupled with DAKOTA for Risø-III Cases AN3 and AN8

Carlos Aguado

Centro de Investigaciones Energéticas, MedioAmbientales y Tecnológicas

A mechanistic framework for deriving fuel relocation models for 1D fuel performance codes from 3D fragment simulations

Milica Krstovic

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