

Assessment of RANS Turbulent Heat Flux Models for High Prandtl Number Fluids Under Mixed Convection Regime

Tuesday, 4 November 2025 13:39 (1 minute)

Technical Track

Nuclear Thermal-Hydraulics

Primary authors: ALZHRANI, ABDULRAHMAN (Chemical Engineering); ALARBASH, HUSSAIN (Mechanical Engineering); ALEBRAHIM, MOHAMMED (Chemical Engineering)

Co-authors: ALASIF, Abdullah (Office of Planning and Quality); SHAMS, Afaq (Industrial Nuclear Energy (I) - IRC - General); BAGLIETTO, Emilio (Massachusetts Institutes of Technology)

Session Classification: Poster