Workshop «Advanced procedures for the integrity assessment of RPVs subjected to PTS loading»

Thursday 11 May 2023 - Friday 12 May 2023

Hotel City - Ljubljana, Slovenia

Scientific Programme

Day 1
Welcome and registration
Session: Advanced thermal-hydraulics analysis procedures
Topics include
Mixing codes [GRS-MIX, KWU-MIX]
CFD simulations for PTS analysis
Wilks method
APAL TH results

Session: Advanced deterministic PTS analysis procedures
Topics include
1D/2D/3D FEM structural assessment
Plume effect
Deterministic fracture mechanics
Conventional FEM, XFEM, submodeling technique

Day 2
Session: Advanced probabilistic PTS analysis procedures
Topics include
FORM/SORM
FAVOR approach with distributed KIC
WPS consideration in PTS analysis
Advanced considerations in PTS analysis

NOTE: The detailed agenda of the workshop will be available soon