

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



Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening and APAL project updates

Thursday, May 11, 2023 9:15 AM (15 minutes)

Presenter: PIŠTORA, Vladislav (UJV Řež, a. s.)

Session Classification: Opening

Contribution ID: 2

Type: **not specified**

PTS analyses overview

Thursday, May 11, 2023 9:30 AM (30 minutes)

Presenter: PIŠTORA, Vladislav (UJV Řež, a. s.)

Session Classification: Opening

Contribution ID: 3

Type: **not specified**

Classical methods [system codes] and operator intervention modelling

Thursday, May 11, 2023 10:00 AM (45 minutes)

Presenter: KRÁL, Pavel

Session Classification: Advanced thermal-hydraulics analysis procedures

Contribution ID: 4

Type: **not specified**

Quantification of impact of LTO improvements and human factor on TH analysis boundary conditions - Example results from Task 2.1

Thursday, May 11, 2023 11:00 AM (45 minutes)

Presenter: PUUSTINEN, Markku (LUT)

Session Classification: Advanced thermal-hydraulics analysis procedures

Contribution ID: 5

Type: **not specified**

Mixing codes (GRS-MIX, KWU-MIX)

Thursday, May 11, 2023 11:45 AM (45 minutes)

Presenter: Dr TREWIN, Richard (Framatome GmbH)

Session Classification: Advanced thermal-hydraulics analysis procedures

Contribution ID: 6

Type: **not specified**

CFD simulations for PTS analysis

Friday, May 12, 2023 9:45 AM (45 minutes)

Presenter: VYSKOČIL, Ladislav

Session Classification: Advanced PTS analysis procedures II

Contribution ID: 7

Type: **not specified**

Theory behind TH uncertainty quantification

Thursday, May 11, 2023 1:30 PM (45 minutes)

Presenter: Dr TREWIN, Richard (Framatome GmbH)

Session Classification: Advanced thermal-hydraulics analysis procedures

Contribution ID: 8

Type: **not specified**

APAL TH results (Base case, LTO, uncertainty quantification)

Thursday, May 11, 2023 2:15 PM (45 minutes)

Presenter: CLIFFORD, Ivor David (PSI - Paul Scherrer Institut)

Session Classification: Advanced thermal-hydraulics analysis procedures

Contribution ID: 9

Type: **not specified**

Specific modeling issues for PTS structural assessment as a support to fracture mechanics simulations

Thursday, May 11, 2023 3:15 PM (45 minutes)

Presenter: SZÁVAI, Szabolcs (Head of Department)

Session Classification: Advanced PTS analysis procedures I

Contribution ID: **10**

Type: **not specified**

Structural assessment - Results from Task 3.1

Thursday, May 11, 2023 4:00 PM (30 minutes)

Presenter: SPISÁK, Bernadett

Session Classification: Advanced PTS analysis procedures I

Contribution ID: 11

Type: **not specified**

Deterministic fracture mechanics

Thursday, May 11, 2023 4:30 PM (45 minutes)

Presenter: TIETE, Ralf

Session Classification: Advanced PTS analysis procedures I

Contribution ID: 12

Type: **not specified**

First fracture mechanics benchmark performance - Results from Task 3.3

Friday, May 12, 2023 9:15 AM (30 minutes)

Presenter: ANGERMEIER, Katharina (Framatome)

Session Classification: Advanced PTS analysis procedures II

Contribution ID: 13

Type: **not specified**

From DEFI PROSAFE to APAL benchmark

Friday, May 12, 2023 10:45 AM (45 minutes)

Presenter: BLASSET, sebastien (Framatom GmbH)

Session Classification: Advanced PTS analysis procedures III

Contribution ID: 14

Type: **not specified**

Fracture mechanical assessment of thermal-hydraulic uncertainties

Friday, May 12, 2023 11:30 AM (45 minutes)

Presenter: HECKMANN, Klaus (GRS global research for safety)

Session Classification: Advanced PTS analysis procedures III

Contribution ID: 15

Type: **not specified**

Fracture properties –Brittle and ductile material issues in the integrity assessment

Friday, May 12, 2023 1:15 PM (45 minutes)

Presenter: HEIN, Hieronymus

Session Classification: Advanced PTS analysis procedures III

Contribution ID: 16

Type: **not specified**

PFM analysis approaches

Friday, May 12, 2023 2:00 PM (45 minutes)

Presenter: DILLSTRÖM, Peter

Session Classification: Advanced PTS analysis procedures III

Contribution ID: 17

Type: **not specified**

WPS consideration in PTS analysis

Friday, May 12, 2023 3:00 PM (45 minutes)

Presenter: ZARAZOVSKII, Maksym (IPP-CENTRE)

Session Classification: Advanced PTS analysis procedures III

Contribution ID: **18**

Type: **not specified**

Advanced considerations in PTS analysis

Friday, May 12, 2023 3:45 PM (45 minutes)

Presenter: WILLIAMS, Paul (Oakridge Consulting International)

Session Classification: Advanced PTS analysis procedures III