

**State of the Art Workshop
"Procedures currently applied
to the integrity assessment of
RPVs subjected to PTS
loading" (online/onsite)**



Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening and introduction of APAL

Wednesday, 30 March 2022 09:15 (15 minutes)

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

Session Classification: APAL WORKSHOP DAY 1

Contribution ID: 2

Type: **not specified**

Brief introduction to PTS

Wednesday, 30 March 2022 09:30 (45 minutes)

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

Session Classification: Introduction to PTS 01

Contribution ID: 3

Type: **not specified**

RPV material properties and degradation I

Wednesday, 30 March 2022 10:15 (25 minutes)

Presenter: Dr HEIN, Hieronymus (Framatome)

Session Classification: Introduction to PTS 01

Contribution ID: 4

Type: **not specified**

RPV material properties and degradation II

Wednesday, 30 March 2022 10:40 (20 minutes)

Presenter: ZARAZOVSKII, Maksym (IPP-CENTRE)

Session Classification: Introduction to PTS 01

Contribution ID: 5

Type: **not specified**

Good practice in ageing management for NPPs

Wednesday, 30 March 2022 11:15 (30 minutes)

Presenter: Dr ŽAMBOCH, Miroslav (UJV)

Session Classification: Introduction to PTS 02

Contribution ID: 6

Type: **not specified**

Ageing management focused on RPV materials

Wednesday, 30 March 2022 11:45 (30 minutes)

Presenter: Dr DÖRING, Ralph (ENSI)

Session Classification: Introduction to PTS 02

Contribution ID: 7

Type: **not specified**

Thermal-hydraulic phenomena relevant for PTS

Wednesday, 30 March 2022 13:30 (45 minutes)

Presenter: Dr VYSKOČIL, Ladislav (UJV)

Session Classification: State-of-the-art for the thermal-hydraulic (TH) analysis 01

Contribution ID: 9

Type: **not specified**

Uncertainties in thermal-hydraulics

Wednesday, 30 March 2022 15:15 (45 minutes)

Presenter: Dr TREWIN, Richard (Framatome)

Session Classification: State-of-the-art for the thermal-hydraulic (TH) analysis 02

Contribution ID: **10**

Type: **not specified**

State-of-the-art for the thermal-hydraulic (TH) analysis

Wednesday, 30 March 2022 16:00 (45 minutes)

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

Session Classification: State-of-the-art for the thermal-hydraulic (TH) analysis 02

Contribution ID: 11

Type: **not specified**

LTO improvements for NPP

Wednesday, 30 March 2022 16:45 (45 minutes)

Presenter: KRÁL, Pavel (UJV)

Session Classification: Identification of further LTO improvements having an impact on PTS and selection for assessment

Contribution ID: 12

Type: **not specified**

State-of-the-art for weld residual stress –APAL's review

Thursday, 31 March 2022 09:15 (45 minutes)

Presenter: SZÁVAI, Szabolcs (Head of Department)

Session Classification: State-of-the-art for weld residual stress (WRS)

Contribution ID: 13

Type: **not specified**

Weld residual stress in integrity assessment

Thursday, 31 March 2022 10:00 (30 minutes)

Presenter: Dr MÅNGÅRD, Daniel (KIWA)

Session Classification: State-of-the-art for weld residual stress (WRS)

Contribution ID: 14

Type: **not specified**

Warm pre-stress in integrity assessment

Thursday, 31 March 2022 10:45 (30 minutes)

Presenter: ZARAZOVSKII, Maksym (IPP-CENTRE)

Session Classification: State-of-the-art for warm pre-stress (WPS)

Contribution ID: 15

Type: **not specified**

State-of-the-art for warm pre-stress –APAL’s review

Thursday, 31 March 2022 11:15 (45 minutes)

Presenter: ZARAZOVSKII, Maksym (IPP-CENTRE)

Session Classification: State-of-the-art for warm pre-stress (WPS)

Contribution ID: 16

Type: **not specified**

Probabilistic PTS –Brief introduction

Thursday, 31 March 2022 13:00 (30 minutes)

Presenter: Dr BASS, Richard (OAKRIDGE)

Session Classification: State-of-the-art of probabilistic PTS analysis and relevant statistical tools 01

Contribution ID: 17

Type: **not specified**

Probabilistic fracture mechanics analysis and statistical models

Thursday, 31 March 2022 14:55 (40 minutes)

Presenter: Dr DILLSTRÖM, Peter (KIWA)

Session Classification: State-of-the-art of probabilistic PTS analysis and relevant statistical tools 02

Contribution ID: **18**

Type: **not specified**

State-of-the-art of probabilistic PTS analysis –APAL's review

Thursday, 31 March 2022 14:00 (40 minutes)

Presenter: TIETE, Ralf

Session Classification: State-of-the-art of probabilistic PTS analysis and relevant statistical tools 01

Contribution ID: 19

Type: **not specified**

Uncertainty in probabilistic fracture mechanics and margin assessment

Thursday, 31 March 2022 15:35 (40 minutes)

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

Session Classification: State-of-the-art of probabilistic PTS analysis and relevant statistical tools 02

Contribution ID: 20

Type: **not specified**

Tour Swiss Light Source SLS

Presenter: MORA MENDEZ, Diego Fernando (PSI - Paul Scherrer Institut)

Session Classification: Tour Swiss Light Source SLS

Contribution ID: 21

Type: **not specified**

Overview of FAVOR code

Thursday, 31 March 2022 13:30 (30 minutes)

Presenter: BASS, Richard (OAKRIDGE)

Session Classification: State-of-the-art of probabilistic PTS analysis and relevant statistical tools 01

Contribution ID: 22

Type: **not specified**

Welcome coffee and registration

Wednesday, 30 March 2022 08:45 (30 minutes)

Presenter: MORA MENDEZ, Diego Fernando (PSI - Paul Scherrer Institut)

Session Classification: APAL WORKSHOP DAY 1

Contribution ID: 23

Type: **not specified**

Thermal-hydraulic analysis of PTS transients

Wednesday, 30 March 2022 14:15 (45 minutes)

Presenter: KRÁL, Pavel (UJV)

Session Classification: State-of-the-art for the thermal-hydraulic (TH) analysis 01