

**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