
Session 4b: *Nuclear Corrosion, "Focus on light water reactor"*
organiser: D. Féron

Poster Sessions **Monday 13 September: 18:00 – 19:30**
 Tuesday 14 September: 18:00 – 19:30

List of Posters: see at the end of this Session Program

Thursday 16 September

Co-chairs: Y. Rouillon, P. Scott

- 08:40** **4b-KN-479**
Corrosion Potential Monitoring in Nuclear Power Environments.
Anders MOLANDER
- 09:20** **4b-O-334**
Results of the LIRES Round Robin test on high temperature reference electrodes for LWR applications.
Rik-Wouter BOSCH
- 09:40** **4b-O-097**
High Temperature Electrochemistry Related to Light Water Reactor Corrosion.
Gabor NAGY
- 10:00** **4b-O-326**
IASCC susceptibility under BWR conditions of welded 304 and 347 stainless steels.
María Luisa CASTAÑO
- 10:20** *Coffee break*
- 10:50** **4b-O-281**
Crack Growth Behaviour of Low-Alloy Steels for Pressure Boundary Components under Transient Light Water Reactor Operating Conditions - CASTOC, Part I : BWR/NWC Conditions.
Stefan RITTER
- 11:10** **4b-O-241**
Crack Growth Behaviour of Low-Alloy Steels for Pressure Boundary Components under Transient Light Water Reactor Operating Conditions ; CASTOC, Part II: VVER conditions.
Miroslava ERNESTOVA
- 11:30** **4b-O-338**
Effect of Yield Strength on Stress Corrosion Crack Propagation under PWR and BWR environments of Hardened Stainless Steels.
María Luisa CASTAÑO

12:30 *Lunch*

Co-chairs: D. Féron, L. Gomez

- 14:00 **4b-O-276**
Corrosion Fatigue Crack Growth Behaviour of Low-Alloy RPV Steels at Different Temperatures and Loading Frequencies under BWR/NWC Environment.
Stefan RITTER
- 14:20 **4b-O-254**
Corrosion damage of 18Cr-9Ni-Ti steel after 25-year operation under steam-water conditions of the VK-50 boiling reactor.
Valentin SHAMARDIN
- 14:40 **4b-O-229**
Stainless steel protection by in-situ oxide layer formation in stagnant lead-bismuth eutectic.
Laura SOLER
- 15:00 **4b-O-192**
The Effect of Lead on Resistance of Low Alloy Steel to SCC in High Temperature Water Environments.
Karel MATOCHA

Session 4b: List of Posters

- 4b-P-561** Corrosion Electrochemistry of Fuel Elements Materials in Pond Storage Conditions.
Robert BURROWS