
Session 8: *Physico-Chemical Methods of Corrosion Testing.*
 organiser: J.H.W. de Wit

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

Monday 13 September

- 10:00** **Opening Ceremony**
- 10:30** **PL-473**
Predicting the Future From the Past in Corrosion Science and Engineering.
Digby MACDONALD
- 11:15** **PL-563**
An Overview of Materials Degradation by Stress Corrosion in PWRs.
Peter SCOTT
- 12:00** Cavallaro Medal Lecture.
From the empirical approach to corrosion science - A retrospect on fifty years corrosion research.
Hubert GRÄFEN
- 12:30** *Lunch*
- 14:00** **08-O-148**
Erosion-corrosion of copper in cooling water systems at 60°C using an impinging liquid jet
and Electrochemical Quartz Crystal Microbalance.
Eliane SUTTER
- 14:20** **08-O-064**
Atmospheric Corrosion of Iron and copper Using Quartz Crystal Microbalance.
Maher ALODAN
- 14:40** **08-O-458**
Remote Corrosion Sensing by SQUID Magnetometry.
Eimutis JUZELIUNAS
- 15:00** **08-O-105**
Intergranular corrosion testing of austenitic stainless steels in nitric acid solutions.
Guy WHILLOCK
- 15:20** **08-O-209**
Geometry of pitting corrosion on oxidised stainless steel surfaces.
Ivan ESIH

15:40 *Coffee break*

16:10 **08-O-200** Withdrawn
Electrochemical Potentiokinetic Reactivation Behavior of Alloy 182 Weld Metal.
Wen-Ta TSAI

16:30 **08-O-303**
Corrosion behaviour of Ti/Al₂O₃ interfaces produced by an active metal brazing methodology.
Luís ROCHA

18:00 - 19:30 **Poster Session** - *List of Posters: see at the end of this Session Program*

Session 8: List of Posters

- 08-P-012** Characterization of the corrosion behavior of different stainless steel alloys exposed to flowing fresh seawater, using E.I.S technique.
Khalid Essa AL MUHANNA
- 08-P-091** Development of electrochemical diagnostics methods for alloys and their products.
Natalya BARULEONKOVA
- 08-P-099** Corrosion behaviour of sintered duplex stainless steels.
M^a Victoria UTRILLA
- 08-P-173** Atmospheric corrosion evolution of silver coating using simulating technique test.
Farzad NASIRPOURI
- 08-P-198** Effect of electrolyte composition on the electrochemical potentiokinetic reactivation behavior of Alloy 182 weld.
Tsung-Feng WU Withdrawn
- 08-P-253** Correlation between the microstructure, microhardness and corrosion resistance of Ti-5Al-2.5Fe.
Ecaterina VASILESCU
- 08-P-354** On the theory of depletion and intercrystalline attack of stainless steels.
Vladimir CIHAL
- 08-P-455** Study of the methods of calculating Hurst Exponent to be applied to Corrosion field.
Jose Maria SANCHEZ AMAYA
- 08-P-529** An Investigation on the effect of Bleaching Environment on Pitting Corrosion and Transpassive Dissolution of 316 Stainless Steel.
Mohammad Hadi MOAYED
- 08-P-536** Corrosion at system chimneys made of CrNi-steels.
Gunther PAJONK