
Workshop 10: *Biofilms and Materials in Natural Environments.*
organisers: R. Gubner, B. Tribollet

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 Workshop Program

Thursday 16 September

Co-chairs: B. Tribollet, A. Bergel

- 08:40** **10-KN-567**
From marine biocorrosion to new bioprocesses.
Alain BERGEL
- 09:20** **10-O-006**
The frequent occurrence of MIC.
Matthias GRAFF
- 09:40** **10-O-336**
Microbially influenced corrosion: studies on Enterobacteria isolated from seawater environment and influence of toxic metals on bacterial biofilm and biocorrosion.
Delphine BERMOND-TILLY
- 10:00** **10-O-123**
Uncovering biological nature of corrosion processes by simulation.
Jeanna STAROSVETSKY
- 10:20** *Coffee break*
- 10:50** **10-O-329**
Protein adsorption on stainless steel in aqueous solution: an EIS, XPS, and IRRAS study.
Philippe MARCUS
- 11:10** **10-O-302**
Microbial formation of Fe(II)-Fe(III) hydroxysulfate green rust, a product from corrosion in sea water.
Asfaw ZEGEYE
- 11:30** **10-O-379**
Action of aerobic hydrogenotroph bacteria isolated from Ultrapure Water Systems on AISI 304 Stainless Steel.
Grégoire GALES

- 11:50** **10-O-400**
A concrete biodecontamination process of concrete in nuclear substructures : effects of organic acids.
Aurélie JESTIN
- 12:10** **10-O-358**
Antifouling properties of surface modified tin oxide films immersed at rest potential in chloride media after an anodic polarisation step.
Hubert CACHET
- 12:30** *Lunch*
- Co-chairs: R. Gubner, J. Telegdi
- 14:00** **10-KN-568**
Langmuir-Blodgett and self assembled nanolayers in mitigation of chemically and microbially influenced processes.
Judit TELEGDI
- 14:40** **10-O-366**
Real-Time Corrosion Monitoring of Steel Influenced by Microbial Activity (SRB) under Controlled Seawater Injection Conditions.
Russell KANE
- 15:00** **10-O-197**
Simultaneous EIS and in situ microscope observation; application to the scale electrodeposition.
Bernard TRIBOLLET
- 15:20** **10-O-374**
Impact of the marine environment on the scale deposit formation : role of thiosulfate and sulfate.
Catherine GODART
- 15:40** *Coffee break*
- 16:10** **10-O-537**
The corrosion of dental alloys in biological medium containing bacteria and fluoride.
Latifa KINANI
- 16:30** **Round Table**

Workshop 10: List of Posters

- 10-P-025** An explanation for limiting current in cathodic behaviour of biofilm on SS-316.
S. MARUTHAMUTHU
- 10-P-040** Adhesion of the bacteria-destructors to the protective coatings.
Valentina ZANINA
- 10-P-107** Evaluation of corrosion resistance of gold-palladium, silver-palladium, nickel-chromium and nickel-chromium-titanium dental alloys in synthetic saliva.
Jose Antonio DA CUNHA PONCIANO

- 10-P-115** Influence of surface treatment on corrosion resistance of orthodontic nickel titanium wires.
Jose Antonio DA CUNHA PONCIANO
- 10-P-165** Possible causes lowering effectiveness of cathode protection in conditions of microbial induces corrosion.
Andriy PILYASHENKO-NOVOKHATNY
- 10-P-401** Influence of Environmental Conditions on Microbiologically Induced Corrosion.
Vladimir RODIN
- 10-P-403** Biofilms and Processes of Biocorrosion and Biodeterioration in Oil-and Gas-Processing Industry.
Vasily KHOLODENKO
- 10-P-405** Bioresistance of oil-bitumen coatings under ground conditions.
Zhanna KOPTEVA
- 10-P-422** Influence the inhibitor of corrosion on extracellular polymeric substances by sulfate-reducing bacteria.
Larysa PURISCH
- 10-P-475** Marine sulfurogen flora characterisation by FT-IR spectroscopy.
Christelle OTT