

Workshop

Swiss Corrosion Science day 2017

Corrosion Research: Challenges, Opportunities and Applications



Empa, Dübendorf, Überlandstrasse 129
Wednesday, January 25, 2017, 10:00 – 16:00

Program

- 10:00** **Registration and Welcome Address**
- 10:20** **Dr. T. Suter, Empa**
Micro- and nanocapillary electrochemical characterization
- 10:45** **Dr. L. Philippe, EMPA Thun**
Optical properties of highly ordered alumina
- 11:10** **Mr. F. Cova, EPFL**
Corrosion mechanisms of tin
- 11:35** **Dr. D. Mannes, Dr. E. Lehmann, PSI**
Visualization and quantification of corrosion effects by means of neutron imaging methods
- 12:00** **Dr. F. Evangelisti, Empa**
Barrier anodic aluminium oxide and their properties
- 12:45 – 14:00** **Lunch break**
- 14:00** **Prof. A. Igual Munoz, EPFL**
In-vivo corrosion of a CoCrMo alloy
- 14:25** **Ms. M. Cihova, ETHZ/Empa**
Microstructure-corrosion relation of biodegradable Mg-Zn-Ca-lean alloys
- 14:50** **Mr. C. Shoufan, EPFL**
Tribocorrosion of artificial hip joints: phenomena na predictive models
- 15:15** **Dr. J. Laux, Magna Management AG**
Multimaterial Body Design: The Corrosion Challenge
- 15:40** **BSc-FHO A. Baggenstoss , Dr. P. Gantenbein**
Corrosion in solar thermal energy plants: *Test procedure – experience and results*
- 16:10** **Concluding remarks and Networking**

Registration

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AKADEMIE II

Wednesday, January 25, 2016

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Deadline January 20, 2016

Please register online

www.empa-akademie.ch/corrosion

You will receive a confirmation by e-mail .