

Swiss Corrosion Science Day Meeting Program (Hybrid Session)

Meeting live at Zofingen (Metrohm Schweiz Ag) and live streaming, including questions and discussion options for the online participants. Invitation to the interactive sessions via WebEx or event apps would be sent a few days before the meeting.

10:00 Welcome and introduction

Dr. Teresa Nathan Walleser, Product Manager Electrochemistry, Metrohm Switzerland

Invited Speakers:

Session Moderator: Dr. Laura Brambilla

10:15 Crevice corrosion in hip joint taper junctions: might or reality?

A. Bermudez-Castañeda, A. Igual-Muñoz, S. Mischler

EPFL, Lausanne

Presenter: Dr. Anna Igual-Muñoz

10:45 Internal corrosion in steel water pipes: revisiting a solved problem

M. Büchler

SGK Schweizerische Gesellschaft für Korrosionsschutz

Presenter: Dr. Markus Büchler

11:15 Corrosion of additively manufactured steel components: electrochemical characterization and microstructure of point-by-point wire and arc additive manufacturing bars

Lucas Michel, Asel Maria Aguilar Sanchez, Vlad-Alexandru Silvestru, Inés Ariza, Julie Vienne, Romana Rust, Fabio Gramazio, Matthias Kohler, Andreas Taras, Ueli Angst

ETH Zurich

Presenter: Mr. Lucas Michel

11:45 Lunch

Session Moderator: Dr. Stefano Mischler

13:15 MiCorr: A user-friendly platform to help diagnose corrosion of metals

Christian Degriigny, Naïma Gütknecht, Philippe Dillmann, Marion Berranger, Valentina Valbi, Cedric Gaspoz, Bernard Letourmy, Delphine

HES-SO Neuchâtel

Presenter: Dr. Christian Degriigny

13:45 Replacement of hexavalent chrome in the passivation of copper surfaces

L. Ferreira, F. Fesqueta, P. Maurina, J. Sellier, B. Teissandiera, L. Viezzia

CERN, Geneva

Presenter: Dr. Leonel Ferreira

14:15 Local electrochemical characterization of light metal degradation

Noémie Ott, Thomas Suter, Patrik Schmutz

EMPA, Dubendorf

Presenter: Dr. Noémie Ott

14:45 Coffee Break - Networking / Closing SCSD meeting

15:15 Meeting Swiss Corrosion Network (open only to Swiss Corrosion Network member representatives, separate invitation)

Moderator: Dr. Patrik Schmutz and Dr. Ueli Angst