

EFC Corrosion Summer School

Preliminary Program*

Thursday, August 25, 2022

Part 1 – Fundamentals from a materials and corrosion perspective

- **Welcome and practical information**, D. Zander, RWTH Aachen University
- **Corrosion basics and the roles of material, environment and design**, A. Erbe, NTNU Trondheim
- **Corrosion investigation, testing and monitoring methods**, A. Heyn, OvGU Magdeburg
- **Designed experiments in corrosion research and industrial applications**, A. Heyn, OvGU Magdeburg
- **Getting knowledge from corrosion data**, A. Heyn, OvGU Magdeburg

Part 2 – Introduction to state-of-the-art MIC management

- **Introduction to Corrosion Management and MIC Mechanisms**, R. Eckert, Microbial Corrosion Consulting LLC
- **Main MIC problems in the energy sector and current mitigation strategies**, D. Enning, Berlin University of Appl. Science & Technology
- **MIC in water utility systems and bridge constructions - failure investigation cases studies**, A. Rasmussen, Corrosion Advice ApS
- **European MIC Network: New paths for science, sustainability and standards executed via the new COST Action CA20130**, T. L. Skovhus, VIA University College
- **Wrap-up**

Friday, August 26, 2022

Part 3 – Keynotes on MIC from the COST program

- **Keynote speakers:** E. Croese, R. Eckert, M. Salta, T. Liengen, L. Gieg, D. Enning, A. Erbe

Part 4 – Corrosion challenges for the transition to net zero energy

- **Corrosion challenges for the energy transition**, S. Paterson, Arbeadie Consultants
- **What MIC can do to your infrastructure and how to avoid it with an increased knowledge level in corrosion failure analysis investigations**, R. Eckert, Microbial Corrosion Consulting LLC
- **What should you focus on when starting a career in materials and corrosion?** P. Keil, BASF & A. Erbe, NTNU Trondheim
- **Discussion with the teachers / Q&A**, Moderator: T. L. Skovhus
- **Wrap-up**
- **Social event/dinner** (*to be confirmed!*)

Saturday, August 27, 2022

Part 5 – Social networking event together with the COST program (*to be confirmed!*)

For more information & registration visit: <https://ecg-comon.org/meetings/efcoss/>