

# Announcement of a session on “Imaging Corrosion: New Frontiers in Materials Degradation Research”



*Don't forget...abstract submission deadline: January 16, 2026!*

This workshop welcomes contributions that highlight the application of cutting-edge experimental characterization and imaging techniques to investigate corrosion. These may include: 3D characterization such as by means of X-ray tomography, neutron tomography, or synchrotron radiation-based imaging, as well as other imaging techniques such as high-resolution microscopy, chemical imaging, and electrochemical mapping techniques. Contributions focusing on transforming raw signals into meaningful images for the visualization and quantification of corrosion phenomena are also particularly welcomed, including advances in image reconstruction and data processing, noise reduction, artifact correction, resolution enhancement, and data fusion.

Submissions from all areas of corrosion science and engineering are encouraged, with the common thread being the innovative application of imaging to deepen our understanding of corrosion. With a focus on both established and emerging corrosion problems, the workshop aims to foster cross-disciplinary collaboration, inspire new research directions, and drive the development of more effective corrosion prevention and mitigation strategies.

## Session organiser(s):

Ueli Angst, ETH Zürich

Anders Kästner, PSI

Laura Brambilla, Univ. of Appl. Sciences Western Switzerland

## Supported by:

Stefan Ritter, WP 4: Nuclear Corrosion

Robert Lindsay, WP 6: Surface Science and Mechanisms of Corrosion and Protection

Noemie Ott, WP 8: Physico-chemical Methods of Corrosion Testing

Michael Raupach, WP 11: Corrosion of Steel in Concrete

Delphine Neff, WP 21: Corrosion of Archaeological and Hist. Artefacts

**Expected duration:** 1 day

**Expected audience:** 50-100 persons



**Please submit your abstract online via [www.eurocorr.org](http://www.eurocorr.org) before the deadline. We are looking forward to your contribution and participation in EUROCORR 2026, on September 6-10, 2026, in Dublin, Ireland!**