

Stavanger, Norway

EUROCORR 2025

7 - 11 September

EUROPEAN CORROSION CONGRESS

Announcement of session on “Corrosion Reliability of Electronics”

Working party 23: Corrosion reliability of Electronics organizing session in Eurocorr 2025. This WP session aims to provide common platform for extended discussion on corrosion issues of electronics and associated functional issues in low and high-power electronics.

WP23 session for Eurocorr 2025, Stavanger will focus on following topics, but not limited to:

- Corrosion failure modes and mechanisms: Low power and high power
- Effect of high voltage and high power on failure modes and mechanism
- Synergistic effects of humidity and gases on power electronics failure
- Corrosion issues of power electronics components such as IGBTs
- Application sectors and issues: Wind Energy, Solar Energy, E-mobility.
- Process cleanliness aspects in relation to humidity effects
- Conformal coatings for corrosion protection
- Better packaging for humidity robustness and humidity modelling
- Gaseous corrosion issues of electronic components
- Corrosion of electrical contacts and connectors

From 2025, there is a Zestron Best paper presentation award for Junior researchers (PhDs and Pos-docs) presenting paper in this session. All junior researchers are encouraged to submit abstracts

We are looking forward to your participation in EUROCORR 2025.

Session organisers:

Rajan Ambat

WP 23 – Corrosion Reliability of Electronics

Markus Meier

WP 23 – Corrosion Reliability of Electronics

Bálint Medgyes

WP 23 – Corrosion Reliability of Electronics

Expected duration: 1.5 days

Expected audience: 30-40 persons



Please submit your abstract online via www.eurocorr.org before 17th of January 2025. We are looking forward to your contribution and participation in EUROCORR 2025, on September 7-11, 2025, in Stavanger, Norway!