



Session: Nuclear Corrosion

Corrosion is the number one degradation mechanism in the nuclear industry, which can seriously affect plant availability and economics or even challenge the safety.

The objectives of this session, organized by EFC WP 4 Nuclear Corrosion, are to bring together scientists and engineers from academia and industry to share the latest results, developments and innovations related to nuclear corrosion. We are seeking contributions covering the whole range of nuclear industry (light and heavy water reactors, nuclear waste disposal and fuel reprocessing systems, and Gen IV systems) and corrosion topics (e.g., environmentally-assisted cracking, flow-accelerated corrosion, microbiologically-influenced corrosion, fuel cladding corrosion, etc.).

Contributions are welcome as oral or poster presentations. Please note that the **best oral presentation of a young presenter** (presenter needs to be <35 years and a full paper or extended abstract needs to be submitted) as well as the **best poster presenter** of the Nuclear Corrosion session will be awarded with two prizes (the rules can be found on the WP4 website, www.efcweb.org/WP4.html). Please submit your abstract online via www.eurocorr2021.org before the end of January 2021.

Please note that additionally a joint session on “**Corrosion in molten salts and ionic liquids for energy applications**” in nuclear, concentrated solar power and other power production industries will be organized during EUROCORR 2021.

We are looking forward to your contribution and participation in EUROCORR 2021 “Materials science and advanced technologies for better corrosion protection”, on September 19-23, 2021, in Budapest, Hungary.

Stefan Ritter

Chair WP 4 – Nuclear Corrosion

Laure Martinelli

Vice-Chair WP 4 – Nuclear Corrosion

Expected duration: 3 days

Expected audience: 40-70 attendees