



### **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 WP4 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](http://www.efcweb.org/WP4.html)). Please submit your abstract online via [www.eurocorr.org](http://www.eurocorr.org) before **January 16, 2020**.

Please note that additionally a joint session on “**Environmentally-assisted crack initiation**” in nuclear, aerospace and other industries will be organized during EUROCORR 2020.

We are looking forward to your contribution and participation in EUROCORR 2020 “Closing the gap between industry and academia in corrosion science and prediction.”, on September 6–10, 2020, in Brussels, Belgium.

Stefan Ritter

*Chair WP4 Nuclear Corrosion*

Laure Martinelli

*Vice-Chair WP4 Nuclear Corrosion*

*Expected duration: 2.5 days*

*Expected audience: 40-70 attendees*