



**Announcement of a joint session of WP4, WP5 and WP22 on  
“Environmentally-assisted crack initiation”**

Environmentally-assisted crack (EAC) initiation often plays a major role in the failure behaviour in many industries and has to be considered for optimised materials development and selection. Costly inspection and maintenance efforts are applied to secure long-term performance and structural integrity of components. Therefore, increasing numbers of studies are initiated and conducted, e.g. in the nuclear and transport industry, to gain the fundamental understanding and to improve inspection, prediction and maintenance concepts.

The aim of this joint session is not only to bring together academics and industrials concerned with EAC initiation, but also to gather scientists and engineers from different industry sectors. Regardless of the different materials of interest, e.g. like stainless steels and Ni-base alloys in the nuclear industry or light-weight alloys in aerospace, the approaches or methods used to gain new insights on the EAC initiation behaviour may be of interest for all kind of industries or different academic fields.

The joint session intends to collect oral or poster presentations on EAC initiation in nuclear, transport and other industries with the focus on initiation from both scientific and technological points of view. Please submit your abstract online via [www.eurocorr.org](http://www.eurocorr.org) before **January 16, 2020**.

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

Please note that this session is also co-organized by the EU Horizon 2020 project MEACTOS ([www.meactos.eu](http://www.meactos.eu)) dealing with EAC initiation in light water reactors.

Stefan Ritter

Chair WP4 Nuclear Corrosion, [www.efcweb.org/WP4.html](http://www.efcweb.org/WP4.html)

Krzysztof Wolski

Chair WP5 Environment Sensitive Fracture, [www.efcweb.org/WP5.html](http://www.efcweb.org/WP5.html)

Theo Hack

Chair WP22 Corrosion Control in Aerospace,

*Expected duration: 1 day*

*Expected audience: 50-60 attendees*