Announcement of joint session on "CO_2-Corrosion in industrial applications"

New technologies are being introduced worldwide to minimize carbon dioxide emission to the atmosphere. Besides reliable operation the safety and sustainability of these technologies have become a widely discussed issue.

Regarding corrosion, CO_2 and other dissolved gasses can interact with the materials used for compression/transportation/injection of emission gasses from various industrial processes as well as those carrying such mixtures from energy or other resources. Therefore, selection of appropriate materials and understanding the mechanisms that can affect integrity are key factors in order to increase the safety and reliability of such new technologies as a basis of their reliability and acceptance.

EFC-TF "CO_2-Corrosion in Industrial Applications" in collaboration with WP 13 "Corrosion in Oil and Gas Production" will organize a joint session within EUROCORR 2018 in Krakow.

The session shall provide a platform for presentation on research, case studies and information exchange about the following topics:

- CO_2-corrosion in industrial applications (e.g. CC(U)S, EOR, sequestration, geothermal energy, molten carbonates)

- CO_2-corrosion in renewable energy production

- CO_2-corrosion in unconventional oil and gas resources

The session is planned for specialists in corrosion, energy, metallurgy and fabrication of metals and alloys, specialists in project design, inspectors, owners of plants and others.

The topic has a high industrial impact and thus abstracts addressing both industry needs and latest breakthroughs in fundamental R&D are welcome.

Please submit your abstract online via www.eurocorr.org before 16 January 2018.

For more information please go to http://efcweb.org/Task+Force+CCS.html

We are looking forward to your contribution to and participation in EUROCORR 2018

Ralph Bäßler
Chair TF "CO_2-Corrosion in Industrial Applications"

Marc Wilms
Chair WP13 "Corrosion in Oil and Gas Production"

Expected duration: ½ day

Audience: 60 – 80 attendees