

Minutes of Business Meeting of EFC-Task Force “Research of CO₂-Corrosion in CCS Applications”, held 10.09.2019 after workshop at EUROCORR in Seville

Participants:

Bäßler, Ralph; BAM, Germany
Aristia, Gabriela; FU Berlin, Germany
Le Quynh, Hoa; BAM, Germany
Morland, Bjørn H.; Institute for Energy Technology Kjeller, Norway
Rolf Nyborg; Institute for Energy Technology Kjeller, Norway
Xiang, Yong; CUPB, China
Gong, Qingjun; CUPB, China
Vallejo, Ana; ETH Zürich, Switzerland
Mitzithra, Maria-Eleni; TWI, UK
Wolski, Krystof; EdM de St, Etienne, France
Adem, Jamila; Ugitech, France
Lucci, Antonio; RINA, Italy
Huttenloch, Petra; Eifer, Germany
Paul, Shiladitya; TWI, UK

In his function of TF leader Ralph Bäßler thanked for the contributions and the big audience during the workshop, showing the importance of the work presented.

6 oral presentations were accepted. The content reached from transportation issues, reaction mechanisms to protection methods.

Then, he informed on the activities of TF-members beside EUROCORR:

- at NACE Internat. Conference 2019 there were 3 contributions of TF members within the session TEG 121X (supercritical systems) and STG 39 (Ni, Ti, Zr and other CRA).
- 2 Members actively participate in ISO TC 265,
WG2 “CO₂-Transportation”,
ISO/CD 27913 and support WG1 “CO₂-Capture”, ISO/AWI TR 27912;
WG3 “CO₂-Storage”, ISO/AWI 27914,
WG5 “Cross-Cutting Issues”, ISO/CD 27917

Most important information was, that STAC has agreed to request the transformation of this successful task force to a permanent working party at the GA. The WP shall cover a wider field under the title “CO₂ Corrosion in Industrial Applications”, covering mainly dense phase, supercritical, and CO₂-stream issues. It shall not address topics usually handled in WP 13. All participants of the business meeting welcomed this development.

(Amendment: GA approved the transformation after the TF business meeting – now WP 24)

Participants reported on activities in their countries:

Norway (IFE):

- research is continued
- BHM is going to finish his thesis

UK (TWI):

- several small internal research activities

GER (BAM):

- CLUSTER project has been finished, currently no new materials related projects

In terms of collaboration with NACE some of the participants already will contribute to NACE Corrosion 2020 in Houston TX.

There will be again a symposium on CO₂ Corrosion in Industrial Applications at EUROCORR 2020, in Brussels.

The next business meeting will be held after the workshop.

Berlin, 20.12.2019

Ralph Bäßler