

EFC WP3 ,Corrosion by Hot Gases and Combustion Products'
(Prof. Michael Schuetze, DECHEMA e.V., Frankfurt am Main, Germany)

Minutes of the Working Party meeting during EUROCORR2007, Sept. 11, Freiburg i. Br., Konzerthaus

1. Opening and welcome

Michael Schuetze welcomes the participants of the WP3 meeting. There are no objections against the agenda.

2. Three year workprogramme of the Working Party

The activities of the WP are the regular sessions during the EUROCORR conferences including the business meetings. Another activity is the EFC-Workshops which are held in a 2-3 years interval being very successful with up to 120 participants from all over the world. The next workshop will be probably in 2009. The papers of the last workshop 'Protective Systems for High Temperature Applications - From Theory to Industrial Implementation' held in October 2006 are in progress for publication in the Journal 'Materials and Corrosion' in 2008 and also in the Green Book Series of the EFC.

The joint Workshop with the WP 'Corrosion in the Refinery Industry' and the session during EUROCORR2007 are very successful with up to 70 participants.

For EUROCORR2008 (Edinburgh, 7.-11. Sept.) no High-Temperature session is planned to avoid any overlap with other conferences, like the 'HTCPM 2008 - 7th International Symposium on High-Temperature Corrosion and Protection of Materials' (Les Embiez, 18.-23. May) and the 'Microscopy of Oxidation 7' (MoO7, Chester 15.-17. Sept.). However, it might be possible to have a WP-meeting at one of these events.

Cooperation with other EFC-WPs

A joint session with the WP 'Nuclear Corrosion' could be feasible. Depending on the papers submitted a joint session could be organized during EUROCORR2009.

EFC-Webpage:

A regular update for all WP-pages is planned.

EFC-Newsletter

Contributions to the EFC-Newsletter are welcome. This newsletter is published in the Journal 'Materials and Corrosion'.

3. High Temperature Corrosions Events in 2007 and later

Protective Coatings Conference: Protecting the Substrate and the Environment
24-25 October 2007, Amsterdam, Netherlands
www.pra-world.com/conferences

Stainless Steel World Conference & Exhibition
6-8 November 2007, Maastricht, Netherlands
www.stainless-steel-world.net

The 6th Libyancorr 2007 Conference and Exhibition
12-14 November 2007, Tripoli, Libya
www.libyancorr.net

DGM Fortbildungsseminar Hochtemperaturkorrosion
13-15 November 2007, Jülich, Germany
www.dgm.de

13th Symposium “New Achievements in Corrosion Research and Engineering” (EFC Event No. 306), 21-23 November 2007, Smardzewice, Poland
www.symp-kor-apcs.mim.pcz.czest.pl

Corrosion Training Programme (Course)
26-30 November 2007, Cranfield, UK
www.cranfield.ac.uk/short

2007 Tri-Service Corrosion Conference: “Integrating Corrosion Prevention and Control in Policy, Planning, and Programming”
3-7 December 2007, Denver, USA
www.nace.org/triservice

12th Middle East Corrosion Conference & Exhibition
3-6 February 2008, Manama, Bahrain
www.mecconline.org

TMS2008: 137th Annual Meeting & Exhibition
9-13 March 2008, New Orleans, USA
www.tms.org/annualmeeting.html

NACE Corrosion 2008 Conference & Expo
16-20 March 2008, New Orleans, USA
www.nace.org

35th International Conference on Metallurgical Coatings and Thin Films
28 April – 2 May 2008, San Diego, USA
www2.avs.org/conferences/icmctf

7th International Symposium High Temperature Corrosion and Protection of Materials
18-23 May 2008, Les Embiez, France
www.htcpm-2008.uhp-nancy.fr

1st European Conference on Materials and Structures in Aerospace (EUCOMAS)
26-27 May 2008, Berlin, Germany
www.eucomas.eu

EUROCORR 2008: Managing Corrosion for Sustainability
7-11 September 2008, Edinburgh, UK
www.eurocorr.org

7th International Conference on Microscopy of Oxidation
15-17 September 2008, Chester, UK

www.liv.ac.uk/engdept/conferences/moo_07.htm

17th International Corrosion Congress
6-10 October 2008, Las Vegas, Nevada, USA
www.nace.org

EUROCORR 2009
6-10 September 2009, Nice, France
www.eurocorr.org

EUROCORR 2010
13-17 September 2010, Moscow, Russia
www.eurocorr.org

4. Joint European Research Activities

The Framework VII program of the EU started in 2007 lasting for 7 years. Contrary to the FP VI program now again HT-corrosion issues are included within the Strategic Research Agenda. The proposals have to pass a 2-step evaluation process. The submission date for the first step was in May 2007, for the second step in the beginning of October. The next call will be probably at the end of this year. More information will be found under www.cordis.lu.

5. Potential EFC-Workshops

Please send suggestions to Michael Schuetze (schuetze@dechema.de).

6. Standardization Activities

Standardization efforts concerning High Temperature Corrosion Issues are processed within ISO TC 156 WG 13. At present three draft documents are in preparation:

- **ISO/TC 156 CD 21608**
Corrosion of Metals and Alloys – Test Method for isothermal exposure testing under high temperature corrosion conditions for metallic materials
- **ISO/TC 156 NWI 5092005**
Corrosion of metals and alloys – Method for metallographic examination of samples after exposure to high temperature corrosive environments
- **ISO/TC 156 NWI XXXX (new document)**
Corrosion of metals and alloys – Test method for thermal cycling exposure testing under high temperature corrosion conditions for metallic materials

However, due to discontinuous work at the ISO secretariat in Moscow the process is out of schedule. A decision has to be made if the secretariat will be given to Swedish or Chinese organisations.

ISO meetings should usually take place twice a year. New items are

- Corrosion testing with extremely short temperature cycling
- Corrosion under deposits
- Corrosion in molten salts

New co-workers are welcome, please contact Michael Schuetze (schuetze@dechema.de) in case of interest.

7. Further items

According to the Board of EFC each working party should have a deputy chairman. Pascale Vangeli agreed to make a suggestion concerning this matter.

8. AOB

No other items to be raised.

End of the meeting: 17:50 h



Till Weber, DECHEMA e.V., Frankfurt am Main, 10 Okt. 2007