

## **EFC Working Party "Coatings" (WP14) Minutes of the Annual Business Meeting 2013**

The official meeting of the Working Party "Coatings" is held in Estoril on the occasion of the Eurocorr 2013 Congress, on Tuesday 3rd September.

### *- Intro*

The WP Chairman gives a Welcome to all participants and especially the delegates officially nominated by their national member societies. The agenda of the 2013 meeting is adopted. The minutes of the 2012 meeting in Istanbul are approved with a special thanks to Francesco Andreatta and Lorenzo Fedrizzi for writing them.

### *- Report of the Chairman*

The WP14 Chairman reports on the 2013 working party activities. The AETOC workshop was organised by Jörg Vogelsang taking place in April 2013 at Emmetten/Switzerland in the beautiful landscape above Lake Luzern. It was starting at Sika in Zürich with a lab-tour and gained almost 50 participants. At Emmetten 25 presentations of high quality were given and intensively discussed. The programme also comprised a not easy but nice hiking tour ending up with cheese production and traditional cheese fondue. At the end Sebastien Touzain invited everybody to participate also in AETOC 2015 in the area of La Rochelle.

The Chairman reports that for EUROCORR 2013 almost 170 papers had been submitted for the coatings session. As only 50 slots were available by filling the usual session lasting over the whole conference the chairman tried to shift as many papers as possible to other sessions (automotive, aerospace, ...). However, nevertheless not all wishes for oral presentations could be fulfilled.

The Chairman reports that the WP web page in the frame of the official EFC web pages has been updated. A report from AETOC has been included as published in the EFC newsletter, yet. WP events and minutes of WP meetings have completely been included.

The Chairman reports on the issues discussed during the EFC Science and Technology Advisory Committee (STAC) meeting held on Sunday 1st September. Roman Bender from DECHEMA has been appointed as the new Scientific Secretary of the EFC to assist the President in all management issues. Juliet Ippolito continues to serve as a Public Relations Officer being responsible especially for newsletter, general marketing and EFC booths at conferences. A new working party "Corrosion in Aerospace Industry" should be formed if confirmed by the general assembly of the EFC. The name of WP6 "Surface Science and Mechanisms" should be extended to include also Modelling of corrosion processes. This holds also for the common EUROCORR session with WP8. For improving the EUROCORR exhibition a task force has been formed. It was encouraged that all member societies should nominate official delegates for all working parties, however, traditionally for WP14 meetings everybody is invited to participate. Forthcoming EUROCORRs will take place 2014 in Pisa, 2015 in Graz and 2016 in Montpellier. A new EFC Fellow Award should be established from 2014. For the EFC book series a new contract has been negotiated with Woodhead without having many changes to the former procedures. Suggestions for new books in this series are very welcome. Finally the STAC has elected Arjan Mol from Delft/NL as the new STAC chairman.

The cooperation with NACE has led to a jointly organised conference "Bring on the heat" in November 2013 dealing with coatings and insulations for hot compounds. Leadership meetings as well as joint publications with NACE are further considered. Ulf Kivisäkk reports about an initiative between NACE and EFC to update some NATO standards on marine corrosion and coatings. A task force should be formed with 3 members each from EFC, NACE and NATO to meet at EUROCORR and NACE CORROSION conferences. Ulf Kivisäkk as chairman of WP9

offers one of the three places to be filled by WP14. Some interest was announced by S.R. Gibbon from Akzo and after the meeting by Jörg Vogelsang from Sika.

- *EUROCORR 2014*

The coatings session will again be organised as usual over the whole duration of the conference being divided into an organic, inorganic, metallic, pretreatments and self-healing coatings part. The following joint sessions with other EFC working parties are considered:

- Coatings for High Temperatures (with WP 3, Mathias Galetz)
- Degradation of Polymeric Materials (with WP19, Jürgen Heinemann)
- Coatings for Automotive (with WP17, Fouzia Hannour)
- Coatings for Aerospace (with WP22, Theo Hack)

Further joint initiatives could be started concerning Tribocorrosion (WP 18, Jean-Pierre Celis), Electrochemical Methods (WP 8, Arjan Mol), Corrosion in Microelectronics (WP proposed).

WPs have been encouraged to offer their own award, e.g. for the best coatings poster or the best presentation from a PhD student during EUROCORR. For this purpose a sponsor would have to be found from the WP members.

- *European projects and related activities*

The following European projects are currently running with participants from WP14:

- STEELCOAT EU (Dr. J. Pan, Flavio Deflorian)
- EURAXLES (Lorenzo Fedrizzi)
- BARRIERPLUS

Concerning BARRIERPLUS there are still negotiations about the budget and participation by EFC which are coordinated by Lorenzo Fedrizzi as EFC president. Jörg Vogelsang was willing to represent the EFC in project meetings.

- *Further activities of the WP14:*

The Chairman announced that the next European Technical Coatings Congress by FATIPEC will be held in September 2014 in Cologne. Professor Bonora is member of the International Scientific Committee.

The next AETOC workshop will be organised by Sebastien Touzain in 2015 in the area of La Rochelle. As Sebastien could not attend EUROCORR 2013 no further information is available.

- *Report on ISO activities*

Jörg Vogelsang reports about the activities on standardisation of electrochemical methods in coatings investigations in the frame of ISO. Concerning the published standards on EIS a revision is in progress. The committee now works on DC tests for cathodic delamination as well as the AC/DC/AC test which is in the final draft stage. Application of Electrochemical Noise is a new work item. Jörg Vogelsang invites everybody to attend meetings of the German standardisation group on these topics who will discuss in English if there is only one non-German participant.

- *any other business*

The Chairman reminds that all EFC working parties should have a vice-chairperson. Due to his election as new chairman in 2012 this position is not filled in WP14 anymore. Therefore he

proposes Marjorie Olivier, Professor in materials sciences at University of Mons, organiser of AETOC 2011 and a very active WP member, as new WP14 vice-chairperson. This is supported by the participants of the business meeting and Marjorie Olivier is honoured to accept the new position.

- Date and place of the next meeting

The next WP14 business meeting will be organised in Pisa during EUROCORR 2014.

Frankfurt am Main, in Octobre 2013

Wolfram Fürbeth, WP14 Chairman

List of participants (26)

<b>Name</b>	<b>Affiliation</b>	<b>E-Mail address</b>
Wolfram Fürbeth	DECHEMA-Forschungsinstitut, Frankfurt am Main/D	fuerbeth@dechema.de
Jörg Vogelsang	Sika Technology, Zurich/CH	vogelsang.joerg@ch.sika.com
Santiago Garcia	TU Delft/NL	s.j.garciaespallargas@tudelft.nl
Eva Garcia-Lecina	Fundacion CIDETEC	egarcia@cidetec.es
Theo Hack	EADS Innovation Works, Munich/D	theo.hack@eads.net
Caterina Zanella	University of Trento/I	caterina.zanella@ing.unitn.it
Michele Fedel	University of Trento/I	michele.fidel@ing.unitn.it
John Sykes	University of Oxford/UK	john.sykes@materials.ox.ac.uk
Brenda Peters	ICORR/UK	brenda.peters@analysis- scientific.co.uk
Mario Ferreira	University of Aveiro/P	mgferreira@ua.pt
Agnieszka Krolikowska	Polish Corrosion Society/PL	akrolikowska@ibdim.edu.pl
Lukasz Augustynski	Road and Bridge Research Institute/PL	laugustynski@gmail.com
Pier Luigi Bonora	University of Udine/I	bonora@ing.unitn.it
Lorenzo Fedrizzi	University of Udine/I	lorenzo.fedrizzi@uniud.it
Francesco Andreatta	University of Udine/I	francesco.andreatta@uniud.it
Maria Lekka	University of Udine/I	maria.lekka@uniud.it
Patrick Keil	BASF Coatings GmbH, Münster/D	patrick.keil@basf.com
Mutlu Muglali	Atotech Deutschland GmbH, Berlin/D	mutlu-iskender- muglali@atotech.com
Tiziano Bellezze	Universita Polytecnica delle Marche/I	t.bellezze@univpm.it
Gabriella Roventi	Universita Polytecnica delle Marche/I	g.roventi@univpm.it
Saghi Saedlou	APERAM/L	saghi.saedlou@aperam.com
Simon Gibbon	AkzoNobel, Northallerton/UK	simon.gibbon@akzonobel.com
Svetlana Lamaka	IST, Lisbon/P	sviatlana.lamaka@ist.utl.pt
Teresa Diamantino	LNEG / P	teresa.diamantino@lneg.pt
Idalina Vieira Aoki	USP / Brazil	idavaoki@usp.br
Douglas Mills	Institute of Corrosion / UK	douglas.mills@northampton.ac.uk