

Udine, 15.09.2009

## **To the Members of the EFC Working Party "Coatings"**

### **Minutes of WP14 Meeting**

The venue of the annual meeting of the Working Party 14 "Coatings" is Tuesday 8 September at 17.30 in Nice, France, in the occasion of the EUROCORR 2009 Congress.

#### Agenda

- Approval of the minutes
- Adoption of the Agenda
- Report of the Chairman
- Partnerships and co-operation with EFC Working Parties
- European projects and related activities
- Further activities of the WP14:
  - EUROCORR 2010
  - AETOC 2011"
  - Others
- Report on ISO TC 35 SC9 WG29 meetings and related activities
- Report on new activities current interrupted electrochemical technique
- any other business
- Date and place of the next meeting.

The chairman (L.Fedrizzi) opens the meeting at 17.30h. The minutes of the previous meeting of WP14 (Coatings) held in Edinburgh United Kingdom, on 09.09.08 are approved by the assembly. The agenda for the current meeting is approved.

The WP14 Chairman reports on the issues discussed during the meeting of the Science and Technology Advisory Committee (STAC) held on Sunday 6 September 2009. Next EUROCORR conferences will be organized in Moscow (2010), Stockholm (2011) and Istanbul (2012). No bid was presented for organizing the conference in 2013. The Science and Technology Advisory Committee (STAC) approved the formation of WP21 "Corrosion protection of archaeological and heritage artefacts".

LF reports on activities related to books publication. The publication of the EFC book on pre-treatments on the topics discussed in the workshop organized at EUROCORR 2007 has been delayed due to change of publisher. Publication is foreseen in the beginning of 2010. Book EFC 52 "Progress in Corrosion - The First 50 Years of the EFC" is already on sale.

The AETOC 2009 (Application of Electrochemical Techniques to Organic Coatings) workshop was held in Grado, Italy from 15 to 18 April 2009 and attended by more than 50 people. The workshop covered the following topics: pre-treatments, hybrid coatings, organic coatings and self-healing. A training course was organized for PhD and MSc students consisting of a number of lessons about different electrochemical techniques like Scanning Electrochemical Microscopy, Scanning Vibrating Electrode Technique, Kelvin Probe and Electrochemical Micro-cell. The conference papers (15 papers submitted) will be published in a special issue of Progress in Organic Coatings foreseen in 2010.

The session Coatings of EUROCORR 2009 was successful with 110 abstracts received. 57 papers were accepted as oral contribution, while the remaining were presented as posters.

The Chairman reports on partnership and cooperation with other WPs. He informs the assembly that WP6, WP8 and WP14 proposed the organization of a workshop about “The use of local electrochemical techniques to study surface treatments and coatings produced using nanotechnologies” for the next EUROCORR 2010. This workshop will be organized on the base of the abstracts submitted for the conference. LF invites the members of WP14 to participate to the workshop.

The Chairman confirms that the Session “Coatings” will be organized at next EUROCORR 2010. The chairman informs WP14 members that the organizing committee of EUROCORR 2010 will send invitation letters to the participants in order to apply for the visa to Russia.

Dr. J.M.C Mol (TUDelft) informs members of WP14 that it was decided to form a small group discussing problems related to the use of the micro-electrochemical technique in the framework of collaboration between WP6, WP8 and WP14. The members of the group are as follows: Dr. J.M.C Mol (TUDelft), Dr. V. Vignal (CNRS-Université de Bourgogne) and Dr. F. Andreatta (University of Udine). The first meeting of the group is scheduled for spring 2010.

The Chairman informs the assembly about status of European projects and related activities. The MULTIPROTECT project is concluded. A number of members of WP14 were involved in this project. Results obtained in the framework of MULTIPROTECT were presented at EUROCORR 2007, EUROCORR 2008 and EUROCORR 2009. The European project MUST is now running and involves some others WP14 partners. The topic of MUST project is the design of hybrid materials and adhesives in order to provide self-healing ability for transportation industry.

The Vice-Chairman (W. Fuerbeth) informs about the last unsuccessful proposal application to COST action. The Vice-Chairman reports that the application was not successful although a high score was received by the referees. LF suggests insisting with a new application for the deadline in September 2009. He proposes a revision of the previous proposal in order to make it more interdisciplinary. Contribution of WP14 members will be necessary in order to produce a new proposal. Moreover, the Chairman underlines that the COST action should be an occasion to exchange knowledge between WP14 members. Partners with specific skills should be included in the COST action.

The Vice-Chairman informs the assembly that the deadline for the Marie Curie projects is 22.12.2009. Involvement of industry and mobility of PhD students and post-doc researchers are strongly recommended for the call. The Chairman proposes that a commission of three WP14 members should be involved in the preparation of the application for the Marie Curie call. The members of this commission will be Prof. F. Montemor (University of Lisbon), Dr. J.M.C. Mol (TUDelft) and Prof J. Telegdi (Uni Budapest). The topic of the call should be complementary to that of the COST action. A possible topic will be “Corrosion protection of coated systems”.

The Chairman reports about other activities of WP14. The venue of the next AETOC meeting will be in Mons (Belgium) from 13 to 16 April 2009. The conference papers will be published in a special issue of Progress in Organic Coatings.

The Chairman proposes that the WP14 members should meet two times per year. Moreover, he proposes the organization of training courses and workshops for the WP14 members. In particular, the organization of training courses in the framework of WP14 about topics related to coatings and electrochemical techniques is strongly encouraged by the Chairman. This can be done in the framework of European projects, like the MUST project, which involves partners of WP14. In addition, the Chairman asks WP14 members to contribute to teaching activities in the training courses and workshops. The Chairman proposes to organize the training courses and workshops on a year base in different countries and on different topics. It is suggested to combine the organization of training courses and workshops with conferences, as it was done with the AETOC 2009 workshop.

J. Vogelsang reports about the ISO TC 35 SC9 WG29 meetings and related activities. The parts 1-4 of the standards regarding definition, measurements, data representation and examples are finalized. In addition, there is a proposal to extend the standards covering equipment assessment (part 5). J. Vogelsang communicates that a draft proposal for standardization of the current interrupted electrochemical technique is ready for submission to ISO. Moreover, he informs the assembly that a round robin on impedance measurements on coated steel samples is in the planning phase.

The next WP14 meeting will be organized in Moscow (Russia) during the EUROCORR 2010 conference.

The Chairman closes the meeting at 18.30.

### List of participants

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