

Udine, 12.08.2009

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 9 September at 17.30 in Edinburgh, Great Britain, in the occasion of the EUROCORR 2008 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 2009
 - AETOC 2009
 - EFC Green Book on "Self healing"
 - Others
- Report on ISO TC 35 SC9 WG29 meetings and related activities
 - State of the art of standard elaboration
- 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 Freiburg im Breisgau, Germany, on 12.09.07 are approved by the assembly. The agenda for the current meeting is approved with addition of a presentation from Dr. H. Tanabe, DAI Nippon Toryo Co. Ltd. Japan on current interrupted electrochemical technique.

The WP14 Chairman, Prof. Lorenzo Fedrizzi reports on the issues discussed during the meeting of the Science and Technology Advisory Committee (STAC) held on Sunday 7 September 2008. Next EUROCORR conferences will be organized in Nice (2009), Moscow (2010) and Stockholm (2011). No bid was presented for organizing the conference in 2012.

The WP14 chairman mentions that EFC is ready to support WPs in organizing round robin tests.

The Chairman reports on partnership and cooperation with other WPs. He informs the assembly about the workshop about "The use of local electrochemical techniques to study coating degradation" organized in collaboration with the Chairman of WP8 (Dr. J.M.C. Mol). The workshop is postponed to 2010, while a joint session on the topic "Local electrochemical techniques" will be organized at EUROCORR2009 in Nice. This joint session could be organized on the base of the abstracts submitted for the conference.

The Chairman informs the assembly about status of European projects. The MULTIPROTECT project is currently in the last year and will probably be extended for additional 3 months. A number of

members of WP14 are involved in this project. Results obtained in the framework of MULTIPROTECT were presented at EUROCORR 2007 and EUROCORR 2008. 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. Moreover, University of Lisbon, Delft University of Technology and University of Aveiro participate to a Marie Curie project.

The Chairman asks to be informed about projects/activities in which WP14 partners are involved including applications and funded projects. Title of project/activity and a brief description should be sent to the Chairman. This will be of help in order to apply for funding from the EC.

The Chairman informs about the last unsuccessful proposal application to COST action. The Chairman reports that F. Montemor (not present) suggested insisting with a new application. She proposes a revision of the previous proposal in order to further focus the topic of the application. Contribution of WP14 members will be necessary in order to produce a new proposal. The deadline for proposal submission is at the end of September 2008 and another call is expected after about six months.

Prof. S. Croll informs WP14 members about the possibility to apply for funding in the United States. This will be discussed with the Chairman and vice-Chairman in a separate meeting.

The Chairman reports about other activities of WP14. The next AETOC (Application of Electrochemical Techniques to Organic Coatings) workshop will cover the following topics: pre-treatments, hybrid coatings, organic coatings and self-healing. A training course will be proposed for PhD and MSc students consisting of a number of lessons (probably 4-5) about different electrochemical techniques like Scanning Electrochemical Microscopy, Scanning Vibrating Electrode Technique, Kelvin Probe and Electrochemical Micro-cell. The venue of the AETOC meeting will be in Grado (Italy) from 15 to 18 April 2009. The deadline for abstract submission is 31.01.09. The conference papers will be published in a special issue of Progress in Organic Coatings.

The EFC Green Book on "Self healing" is based on papers presented in the special workshop "Self-Healing" held at EUROCORR 2007. Some papers presented at EUROCORR 2008 could also be included in the book. Papers review will be completed before December 2008 and book publication is foreseen in summer 2009. The Chairman mentions that EFC encourages publication of other books.

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 ready. J. Vogelsang communicates that a proposal for standardization of the current interrupted electrochemical technique will be submitted to ISO by Prof. H.Tanabe. 5 members of ISO from Japan, UK, Switzerland, Germany and Spain will cooperate for the preparation of the standards. J.Vereecken proposes that a member from Belgium could also participate to this activity.

Prof. H.Tanabe presents to EFC members the current interrupted electrochemical technique. The title of his presentation is "Further investigation on corrosion of coated steel using the current interrupted electrochemical technique". The presentation is followed by a discussion about the technique. The possibility of organizing a round robin test within WP14 about electrochemical impedance spectroscopy and current interrupted electrochemical technique is also discussed.

The next WP14 meeting will be organized in Nice (France) during the EUROCORR 2009 conference.

The Chairman closes the meeting at 18.45.

List of participants

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