

EUROCORR 2017 20th INTERNATIONAL CORROSION CONGRESS & Process Safety Congress 2017

September 3-7, 2017
Prague Congress Centre
Czech Republic

EFC Event No. 417

Announcement of joint session on “Protection of cultural heritage by coatings and inhibitors“

A joint EUROCORR session between WP21 “Historical and archaeological artefacts”, WP14 “Coatings” and WP1 “Corrosion and scale inhibition” promises to deliver synergy that will lead to establishing new networks that will identify and develop application of coatings and inhibitors within the context of heritage preservation. This joint session at EUROCORR will offer opportunity to identify the potential for transferring the outcomes of research, serving industrial and commercial contexts, to heritage preservation and management. In doing so this will create a platform from which collaborative research opportunities and research grant applications can be identified. Outcomes will benefit preservation of heritage objects and structures, allowing them to maintain their cultural value for longer and continue their role in tourism that delivers financial benefit to national economies.

The activities of WP21 have focussed on creating international links between conservation science communities that improve understanding of corrosion, conservation and management of heritage metals. The importance of protecting world cultural heritage is embedded in the UNESCO convention of 1972, which offers a framework for conservation, restoration and preservation of objects made of metals from archaeological, indigenous, artistic or historical origins. To achieve this the problems of controlling corrosion outdoors and indoors must be addressed, which creates an overlap with the goals of WP14 and WP1 but with differing ethical contexts. In heritage the need to consider aesthetics and retain original historical coatings and finishes, reversibility of the restoration treatments as well as non toxic components for a public use produced thanks to green chemistry offer constraints to devising economical preservation processes. Drawing on the differing expertise present in the membership of the three working parties will facilitate development of a balanced approach to solving such problems. A joint session is likely to identify exciting new opportunities for all three Working Parties leading to outcomes that will enhance the long-term survival of international heritage.

Please submit your abstract online via www.eurocorr.org before 17 January 2017.

For more information please go to <http://efcweb.org/WP+Corrosion+and+Scale+Inhibition.html> and <http://efcweb.org/WP+Coatings.html> and <http://efcweb.org/WP+Corrosion+of+Archaeological+and+Historical+Artefacts.html>

We are looking forward to your contribution to and participation in EUROCORR 2017/20th

Delphine Neff
Chair WP21 “Archaeological and historical
artefacts ”

Günter Schmitt
Chair WP1 “Corrosion and scale Inhibition”

Wolfram Fürbeth
Chair WP14 “Coatings”

Expected duration: ½ day

Audience: 60 – 80 attendees