



EUROCORR 2017

20th INTERNATIONAL CORROSION CONGRESS Et Process Safety Congress 2017

September 3-7, 2017
Prague Congress Centre
Czech Republic

EFC Event No. 417

Announcement of joint session on “Alloys for the future challenges of blue economy”

In memory of Professor Francesco Mazza

The continued expansion of the blue economy is placing more and new engineered surfaces in contact with marine environment exposing the metallic structure to new and increased aggressive ageing phenomena which need to be investigated, addressed and solved. Mooring systems, ocean energy structures, offshore-wind monopoles, harbor structures etc. are experiencing higher corrosion rate than expected undermining the value of the blue economy. In this context, climate change also might have an important role and an unexpected impacts on materials, increasing or at least modifying the biological pressure.

On the other hand, economic and social benefits from the ocean environment have to be efficient, equitable and sustainable in the logic of the blue economy, as well the solution proposed for the emerging issues.

EFC-WP 10 “Microbial Corrosion” in collaboration with WP 9 “Marine Corrosion” will organize a joint session within EUROCORR/ICC 2017 in Prague. The Session is devoted to the memory of Francesco Mazza, esteemed Full Professor in Corrosion at Università degli Studi di Milano (Italy), for more than 40 years, and sailing Master. He was an Italian pioneer in corrosion study, Chairman of “Associazione Italiana di Metallurgia” and Medal prized STAC member of the European Federation of Corrosion.

The session shall provide a platform for presentation on research, case studies and information exchange about the following topics:

- Stainless steel and Copper alloys are thought to be effective in fighting water and bacteria aggressiveness in marine environment, is it still and always true?
- Titanium alloys, coatings and other possible new solutions
- New approaches to the problem of marine and microbial corrosion for the future

The session is planned for specialists in corrosion, antifouling, energy, metallurgy and fabrication of metals and alloys, specialists in project design, inspectors, owners of plants and others loving sea.

The topic has a high industrial impact and thus abstracts addressing both industry needs and latest breakthroughs in fundamental R&D are welcome.

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

For more information please go to <http://efcweb.org/WP+Marine+Corrosion.html> and <http://efcweb.org/WP+Microbial+Corrosion.html>

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

Ulf.kivisakk
Chair WP09 “Marine Corrosion”

Pierangela Cristiani
Chair WP10 “Microbial corrosion”

Expected duration: ½ - 1 day

Audience: 60 – 80 attendees