Joint session *Corrosion monitoring: Way to predict atmospheric corrosion*

Corrosion monitoring is used as a standard tool for corrosion engineers in various industries and it is a key tool for scientists working in the field of aqueous corrosion. Due to technical limitations, it has rarely been applied in atmospheric conditions. Thanks to technical developments of last two decades, a number of advanced corrosion monitoring tools applicable in atmosphere are available now and studies integrating data obtained by *in situ* atmospheric corrosion measurements in aerospace, automotive and other applications start to be discussed and spread in the corrosion scientific community.

The aim of this joint session is to bring together academics and industrials concerned with **real time corrosion monitoring of atmospheric corrosion**. Although technical details on available monitoring tools are of strong importance as well, **the focus of this joint session is the fundamental knowledge gained by collecting real time corrosion data**. The potential of real time monitoring to improve our understanding into

- **accelerated corrosion tests and correlation between lab test and in-service conditions,**
- **conditions of outdoor exposure and field reference testing,**
- **corrosion in thin electrolyte films,**
- **wetting and drying phenomena,**
- **formation of protective corrosion products,**
- **description of microclimatic conditions in confined areas, and to**
- **build better predictive models**

has been demonstrated but it is far from being accomplished.

We invite representatives of automotive, aerospace and other relevant industries, as well as researchers from academia and research institutes to share their experience and knowledge gained by application of corrosion monitoring in atmospheric conditions, in particular if linked to the above-listed aspects.

Please submit your abstract online via www.eurocorr.org before January 16, 2020.

We are looking forward to your contribution and participation in EUROCORR 2020 "Closing the gap between industry and academia in corrosion science and prediction" on September 6–10, 2020, in Brussels, Belgium.

Elizabeth Szala, Chair WP 17 Corrosion in Automotive
Theo Hack, Chair WP 22 Corrosion Control in Aerospace
Tomáš Prošek, Chair TF Atmospheric Corrosion