



INTERNATIONAL SYMPOSIUM ON
CORROSION AND SURFACE PROTECTION FOR STEEL
(CASP-2019)



22-24 May 2019, Antalya / Türkiye

Organised by

Turkish Constructional Steelwork Association (TUCSA)
in coordination with European Convention for Constructional Steelwork (ECCS)



BACKGROUND

Not only for steel users but also for global economy corrosion is highly important. In accordance with the "International Measures of Prevention, Application and Economics of Corrosion Technology (IMPACT)" study released by NACE International today, it is estimated that the global cost of corrosion is US\$2.5 trillion, equivalent to roughly 3.4 percent of the global Gross Domestic Product (GDP). The two-year global study released at the CORROSION 2016 conference in Vancouver, B.C., examined the economics of corrosion and the role of corrosion management in establishing industry best practices. The study found that implementing corrosion prevention best practices could result in global savings of between 15-35 percent of the cost of damage, or between \$375-875 billion (USD).

There are three global conferences which we are interested in which are;

NACE International / Int'l Corrosion Council (ICC) Corrosion Conference & Expo (Every spring in the USA)

Society of Protective Coating (SSPC) – DoDS Conference (Every autumn in the USA)

European Federation of Corrosion (EFC) – EUROCORR Annual Congress of EFC and International Corrosion Congress (Every autumn in Europe)

It was considered that remarkable portion of corrosion losses is related to steel. During the Annual General Meeting of European Convention for Constructional Steelwork (ECCS) held on 14 September 2017 in Copenhagen Denmark, Turkish Constructional Steelwork Association (TUCSA) proposed ECCS to organise "International Symposium on Corrosion and Surface Protection for Steel" in springs at Antalya, Turkey. It was agreed to start the first symposium in May 2019.

It was also discussed during the ECCS TC4 Surface Protection Committee meeting on 19 December 2017 to review topics of the symposium.



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INVITATION

Dear colleagues,

It is our great pleasure to invite you to the Corrosion and Surface Protection for Steel 2019 International Symposium and Exhibition to be held in Antalya, Türkiye on 22-24 May 2019.

According to the estimated global cost of corrosion is about US\$ 2.5 trillion in accordance with the "International Measures of Prevention, Application and Economics of Corrosion Technology (IMPACT)" study released by NACE in 2016. This cost is equivalent to roughly 3.4 percent of the global Gross Domestic Product (GDP). The biggest portion of which is stemmed from the corrosion of steel. Therefore, TUCSA has decided to organise this biannual symposium in coordination with ECCS in Antalya every odd years.

The Symposium will cover all aspects of corrosion science and engineering as well as steel and other relevant material protection with world-wide reach. Main topics will include the advances in corrosion prevention, corrosion monitoring, corrosion resistant materials, surface treatment and coatings, inspection and non-destructive testing, electrochemical methods, analytical techniques and microscopy, corrosion inhibitors and others.

With the expected attendance, the Symposium will be a very effective networking opportunity for scientists, academics, students and representatives of research institutions and industry in an existing professional setting and atmosphere. The scientific programme will consist of plenary lectures by world-renowned corrosion and surface protection specialists. Plenary and parallel sessions on a variety of topics will offer specialists on corrosion and surface protection from all over the world the opportunity to meet and present their research.

All accompanying events including welcome party, poster party, lunches and coffee breaks will be provided free of charge.

In May 2019, Antalya will become the capital of corrosion, where will be very attractive for visitors as a Mediterranean costal city, a peaceful and sunny tourism centre.

We sincerely hope you will join us on 22-24 May 2019 in Antalya.

Prof. Dr. Nesrin YARDIMCI
Symposium Chair
TUCSA Previous President

H. Yener GÜR'EŞ
Organising Committee Chair
TUCSA President



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TOPICS

The Symposium will cover innovations and new challenges in the field within the themes as given below:

1. Cost of Corrosion
2. Corrosion Management
3. Corrosion Prevention & Control Strategies
4. Technology Transitions and Evaluations
5. Corrosion Fundamentals
6. Corrosion Modelling
7. Corrosion Inhibitors
8. Accelerated & Outdoor Exposure Testing
9. Corrosion Monitoring & Assessment
10. Corrosion under Insulation (CUI)
11. Corrosion Sensors
12. Failure Investigation Techniques
13. Surface Preparation & Pre-treatments
14. Paints & Coatings
15. Galvanising Technologies
16. Corrosion Resistant Materials
17. Materials for Facilities & Infrastructures
18. Protective Treatments for Facilities & Infrastructures
19. Process safety & Risk Analysis / Management
20. Specifications and codes
21. Case studies

KEY DATES

21 September 2018	Abstract submission deadline
19 November 2018	Notification of acceptance to authors
11 February 2019	Submission of Final Papers
25 March 2019	Final Acceptance
22-24 May 2019	Symposium (3 Days)