

Thematic Symposium

ESIS TC10 A “Environmentally Assisted Cracking”

Thematic Symposium “Environmentally Assisted Cracking” will be organised by the Technical Committee 10 of the European Structural Integrity Society within the framework of the 23rd European Conference on Fracture 2022 – ECF23 to be held in Funchal, Madeira, Portugal, June 27 – July 1, 2022.

The topics of the Symposium include, but are not limited to:

Environmentally assisted crack growth
Environmentally assisted degradation of materials
Stress corrosion cracking
Corrosion fatigue
Corrosion-erosion
Fretting corrosion
Microscopic approaches. Fractographic analysis of the damage/fracture process
Fracture mechanisms
Irradiation assisted fracture
Effects of thermal, mechanical and surface treatments
Experimental methods
Computational approaches to the process of embrittlement or degradation

All contributions in the form of extended abstracts will be peer reviewed by the members of TC10 Scientific Committee. Full papers will be published in a special issue of the ESIS scientific journals (Elsevier) upon peer review and acceptance.

Important notes:

- When submitting your abstract to ECF23 please mention the title of the Symposium TC10 A “Environmentally Assisted Cracking”.
- Please inform us about your submission (intention to submit) to plan and organize the Symposium’s sessions properly.

Organizing Committee:

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