CALL FOR PAPERS

The 32nd ISOPE Conference (in-person)
June 5-10, 2022

The 5th ISOPE Environment Assisted Cracking (EAC) Symposium (High Performance Materials)

Environment Assisted Cracking (EAC) can lead to unplanned and catastrophic failure resulting in significant consequences for safe operations and downtime to the industry. EAC has become a significant limit for the lifetime of material components in harsh environments in many fields such as oil and gas industry, navy, aerospace, as well as advanced nuclear power plants.

ISOPE-2022 will come back to in-person conference at Shanghai, China, and host The 5th Environment Assisted Cracking (EAC) Symposium to provide a forum to foster the discussion of the critical problems of EAC and recent advances in fundamental understanding, modelling and experimentation. This symposium seeks technical papers related to scientific advancement, modelling and/or experimental studies of various types of EAC, such as sulphide stress cracking, stress corrosion cracking, hydrogen embrittlement, and corrosion fatigue.

Special ISOPE room rates at venue hotel start from $140-150/night, and start lower at nearby hotels.

Suggested Topics

- Environment Assisted Cracking (EAC)
- Hydrogen Embrittlement (HE)
- Stress Corrosion Cracking (SCC)
- Sulfide Stress Cracking (SSC)
- Hydrogen Induced Cracking (HIC)
- Stress Oriented HIC (SOHIC)
- Environment Assisted / Corrosion Fatigue
- Steels and Ferrous Alloys
- Corrosion Resistant Alloys
- Light-weight Materials
- Composite Materials
- Advanced Characterization Methods
- Advanced Testing Methodology
- Advanced Modeling

Symposium Organizing Committee:

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Key Dates:

Abstract submission: October 20, 2021
Manuscript for review: January 20, 2022
Final paper: March 28, 2022

Interested authors should send abstracts to one of the organizing committee members or submit online at https://www.isope.org/online-submission/

Include the name of the inviter. The Abstract must include the paper title, all authors’ and co-authors’ names, affiliations, full addresses, and telephone and fax numbers and E-mail address of the corresponding author.