

First
CALL FOR PAPERS

The 28th ISOPE Conference
Sapporo, Japan, June 10–15, 2018

The 1st ISOPE Environment Assisted Cracking (EAC) Symposium

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-2018 will host The 1st 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, modeling and experimentation. This symposium seeks technical papers related to scientific advancement, modeling 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 rate at ISOPE hotel room rates starts from \$80+/night.

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, 2017**
Manuscript for review: **January 15, 2018**
Final paper: **March 24, 2018**



Interested authors should send abstracts to one of the organizing committee members or submit online at <http://www.isopec.org/call4papers/2018/HowToSubmitAbstractOnline.htm>
Include **the name of the inviter**. The abstracts MUST include the contact author's postal address, telephone and fax numbers, and e-mail address to facilitate communications.