

CALL FOR PAPERS

The 30th ISOPE Conference
Shanghai, China, June 14-19, 2020

The 3rd 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-2020 will host The 3rd 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 start from \$110+ per/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:

Dr. Takuya Hara, Nippon Steel Corporation, Japan

hara.q6m.takuya@jp.nipponsteel.com

Dr. Hyun Jo Jun, ExxonMobil Research & Engineering, USA

hyunjo.jun@exxonmobil.com

Dr. Brian Somerday, Consultant, USA

bpsomer@gmail.com

Dr. Neeraj S Thirumalai, ExxonMobil Research & Engineering,

USA, neeraj.s.thirumalai@exxonmobil.com

Key Dates:

Abstract submission:

October 20, 2019

Manuscript for review:

January 15, 2020

Final paper:

March 24, 2020



Interested authors should send abstracts to one of the organizing committee members or submit online at

<https://www.isopec.org/index.php/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.