



INTERNATIONAL CONGRESS ON
FRACTURE

CALL FOR PAPERS

ICF14

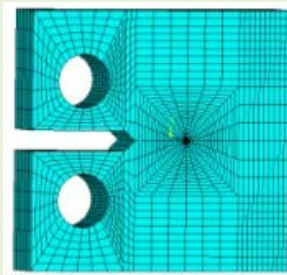
14TH INTERNATIONAL
CONFERENCE ON FRACTURE

Rhodes, Greece
June 18-23, 2017

www.icf14.org



**Fracture Control of SCC/SSCC* in
the Oil & Gas Industry**



* SCC: Stress Corrosion Cracking / SSCC: Sulfide Stress Corrosion Cracking

All abstracts must be submitted through the ICF14 website
(<http://www.icf14.org>) by **October 31, 2016**, with indication
to this specific symposium.

SCOPE AND PURPOSE

Structural integrity assessment is important for development of methods and materials to improve safe operation and resistance to failure and fracture in all areas of industry. Fracture control is vital where failure of large structures could be catastrophic. This symposium will deal with failure prevention in the oil & gas industry, focusing in particular on the mechanics and phenomena of degradation and fracture initiation by stress corrosion cracking and sulfide stress corrosion cracking.

TOPICS

The Symposium will focus on listed major areas below; however, papers on other topics are also welcome:

1. *Fracture Mechanics Prediction Models for Rupture and Leak*
2. *Damage Tolerance & Fracture Control*
3. *Failure of an Existing Defect: change in load level, dynamic events, defect growth (i.e. SCC, fatigue, corrosion, etc.)*
4. *Experimental Aspects of Fracture Mechanics for Pipeline Structures*
5. *Remaining Life Prediction & Damage Tolerance*
6. *Assessment of Full Scale Pipe Tests: Bending, Variable Amplitude Loading*
7. *Design Requirements and the Evaluation of Safety Risks for Existing Pipelines*
8. *Stress Corrosion Cracking & Hydrogen Embrittlement*
9. *Fitness-for-Service and Engineering Critical Assessment of Structures/Components used in Oil & Gas Industry, especially Pipelines*
10. *Finite Element Analysis (FEA), Advanced Flaw Modelling and J-Integral Analysis*
11. *Case Studies on Liquid or Gas Pipeline Failures & Investigations*

Should you require any further information on this Mini-Symposium, please contact the Organizing Committee.

Important Dates:

Abstract due → **October 31, 2016**
Notification on Abstract → December 15, 2016
Papers due → March 31, 2017



ICF14

14TH INTERNATIONAL CONFERENCE
ON FRACTURE

Mini Symposium

**Fracture Control of SCC/SSCC in
the Oil & Gas Industry**

Organizing Chairmen:

- **Mimoun Elboujdaini** (Blade Energy Partners, Houston, USA)
- **Ming Gao** (Blade Energy Partners, Houston, USA)
- **Bill Tyson** (CnmetMATERIALS, Natural Resources Canada)
- **Uday Arumugam** (Blade Energy Partners, Houston, USA)

For further details for the symposium, please contact:

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For more details on the scientific program and other related conference information, please visit:

<http://www.icf14.org>



Map of Greece

Map of Rhodes

**You are warmly welcome to Rhodes, Greece. You will find
this meeting to be a memorable and significant one.**