

# ISOPE-2012 Rhodes (Rodos) 2012 Asset Integrity Symposium

## First **CALL FOR PAPERS**

at

The 22nd International Offshore and Polar Engineering Conference  
**Rhodes (Rodos), Greece, June 17 – 22, 2012**

A symposium on Asset Integrity will be held at the annual conference of the ISOPE-2012, Rhodes. Attention to O&G pipelines has never been more intense, as their criticality to infrastructure and the incidence of failure due to aging, corrosion and other factors have increased. The challenges and costs of pipeline integrity evaluation and repair are expected to grow in the future as developments move into more challenging deeper water and arctic environments. The purpose of this symposium is to discuss the challenges and share the state-of-the-art knowledge in pipeline surveillance and integrity management. This symposium will cover all aspects of science, technology, and applications related to pipeline monitoring, inspection, rehabilitation and leak detection methodologies. The organizing committee cordially invites scientists and engineers from academia, industry, and regulatory authorities to share their latest advancements.

### Suggested Technical Topics

#### Inspection

- Advanced inspection techniques for crack and wall loss detection in pipelines, risers and flexible pipes
- Capabilities of different inspection techniques: MFL, ultrasonic, acoustic emission, guided wave, etc.
- Data accuracy and validation of ILI data
- Numerical modeling to optimize sensor design and reduce uncertainty

#### Best practices for pipeline operations, monitoring and maintenance

- Leak detection
- Sensing technologies and instruments
- Best practices for pipeline operations and maintenance

#### Risk assessment and remaining life prediction

- Risk based inspection for integrity assessment
- Incorporation of uncertainty in ILI data to predict the remaining life

#### Pipeline repair and rehabilitation

- Repair and rehabilitation methods
- Qualification of repair services and materials
- Specific pipeline repair procedures and standards

#### Symposium Organizing Committee:

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#### Key Dates:

- Abstracts due: **November 15, 2011**
- Manuscript for review: **Jan. 20, 2012**
- Final papers due: **March 24, 2012**

Interested authors should send abstracts to one of the organizing committee members or submit online at [www.isopec.org](http://www.isopec.org) > **Call for Papers > abstract online submission**. The abstracts MUST include the contact author's postal address, e-mail address, telephone and fax numbers.

**Special ISOPE room rate at 5-star Rodos Palace Hotel starts from €84 /night.**