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## Call For Papers

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	<b>Abstract Submission</b>	<b>October 20, 2011</b>
<b>DEADLINES</b>	Manuscript for Review	January 15, 2012
	Final Manuscript due	March 24, 2012

Prospective authors are invited to **submit (E-mail [meetings@isopec.org](mailto:meetings@isopec.org) or Fax 1-650-254-2038) your abstract** in 300–400 words to: (1) **Online abstract submission** on [www.isopec.org](http://www.isopec.org) > **Call for Papers > abstract online submission**; (2) **One of TPC members** (session organizers, see backside); or (3) **ISOPE-2012 TPC, 495 North Whisman Road, Suite 300, California 94043-5711, USA** (Phone 1-650-254-1871) (observing the above key dates. Abstract should emphasize the significance of the results and/or the originality. 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.

Some **100** technical and industry sessions with participation from some **50** countries will emphasize tentative topics:

### OFFSHORE TECHNOLOGY & OCEAN ENGINEERING

**Deeperwater** System & Install & decommission  
**Subsea** Umbilicals & Installation  
FPSO, SPAR, TLP & Compliant Structures  
Station-keeping; DPS and Mooring  
**LNG, FLNG, LNG Plant**  
CFD, Hydroelasticity, VLFS  
**METOCEAN & Remote Sensing**, Climate,  
Waves, Sea State, Arctic  
**ISO, Code and Standards**

**FRONTIER Energy Resources Tech Sympos**  
Engineering, Technology, Design and  
Materials for Clean Coal and Gas Hydrates  
**Deep-Ocean Mining, Gas Hydrates**  
Deep-Ocean Resources, Gas Hydrates

**RENEWABLE Energy & Environ Sympos**  
Offshore **Wind** Energy and Resources  
**Ocean** Energy and Resource ; Waves, Tidal  
Bioenergy from ocean  
Oil Spill , Coastal, Arctic & Antarctic  
Environmental Modeling and Sensing

**GEOTECHNICAL ENGINEERING**  
Soil Properties and Improvements, Geohazards  
Soil Modeling & Simulation, Slope Stability  
Earthquake/Geoinformatics/GIS, Geo-environ  
Pipe-Soil Interaction, Scour  
Foundations & Anchors

**PAPER REVIEW AND PUBLICATIONS.** All papers will be rigorously reviewed prior to acceptance. The accepted papers will be included in the Conference proceedings, which will be available at the Conference and for worldwide distribution. Conference proceedings are **indexed by EI**. Papers of archival value will be further considered for publication in the *International Journal of Offshore and Polar Engineering*—[www.isopec.org](http://www.isopec.org).

### OFFSHORE MECHANICS

**HYDRODYNAMICS & CFD**  
CFD and NWT, and Hydroelasticity  
**Waves**; nonlinear, numerical, internal...  
**METOCEAN, Tsunami, rogue waves**  
Nonlinear Water-Structure Interactions  
Vortex Shedding & VIV  
**SLOSHING Dynamics & Design Symposium**  
**TSUNAMI & Safety Symposium**

**COASTAL ENGINEERING**  
**Tsunami, Long waves, Storm Surge, Wave**  
Impact, Group Waves  
Breakwaters and Coastal Protection  
Coastal Monitoring

**SAFETY & RELIABILITY, MECHANICS**  
**Risk, Safety and Reliability**  
Engineering Reliability  
Collision, Impact, Damages  
Earthquake Engineering  
**Structural** Mechanics, Ultimate Strength

**SUBSEA, PIPELINES, RISERS**  
Deeper water and Arctic Pipelines & Risers  
Reliability, Integrity–Management, Safety  
Materials, Mechanics, Design, Installation  
Pipeline-soil interactions, Flow Assurance  
Vortex Shedding & VIV & **Design**

### CFD & Computational Mechanics

### HIGH-PERFORMANCE MATERIALS Symposium

**High Value-Added Ocean Materials**  
**Nanotechnologies for Clean Energy**  
Welding Technology  
Steel and Metal Alloy Development  
**Composites, Smart Structures...**  
Fatigue, Fracture, Corrosion Fatigue & SCC  
Tubular Structures, Joints & Members  
**STRAIN-BASED DESIGN Symposium**  
**ASSET INTEGRITY Symposium**  
**ARCTIC MATERIALS Symposium**

**POLAR SCIENCE & TECH Symposium**  
Arctic Oil & Gas Tech.and Arctic Shipping.  
Arctic Structures, Pipelines and Risers.  
Ice management, Safety&Risk, Icing  
Ice Engineering: Data and Modelling.  
Polar ice, Oceanography and Meteorology  
Polar surveys, Ice-ocean climate forecasting

**ADVANCED SHIP TECHNOLOGY**  
LNG/CNG/LPG/GTL; Naval Systems,  
**Ship Hydrodynamics and Structures**

### UNDERWATER SYSTEMS & OCEANOLOGY

**Deep-Ocean AUV, ROV, Gliders**  
**Robotics & Aquabiomechanism**  
**Optics, Acoustics, Communication**  
**Smart Vehicles, Multiple Vehicles**  
Deep-ocean, real-time and environ monitoring

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**Dear Colleagues,**

On behalf of ISOPE-2012 TPC, we would like to invite your abstract for possible presentation at the 22nd International Ocean and Polar Engineering Conference, Rhodes, Greece, June 17–22, 2012. In addition to strong sessions on the existing popular ISOPE topics, next year we continue to promote **additional** specialty symposia on emerging topics such as *Tsunami and Safety, Corrosion Control, LNG Sloshing Dynamics & Design, Hydrodynamics & CFD, High-performance Materials, Asset, Strain-based Design, Frontier Energy Resources & Gas Hydrates, Arctic Science and Tech, Arctic Materials, and Renewable Energy and Environment*. Click on [www.isopec.org](http://www.isopec.org) > [meetings](#) > [conference](#) or >ISOPE-2012 Rhodes: Special ISOPE room rates from €84. Advance registration fee starts from \$670.

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