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Since ISOPE-1992, the annual ISOPE conferences have been the world's largest technical conferences of its kind with **peer-reviewed papers**. Proceedings are **INDEXED by Engineering Index and Compendex**. Following the **all-time record-breaking attendance at ISOPE-2007 Lisbon with more than 950 attendances**, the **ISOPE-2010 Beijing received 1,385 abstracts, a new record**; **ISOPE-2011 Maui set another new record**. The conference is being organized by Technical Program Committee (TPC) of the **International Society of Offshore and Polar Engineers (ISOPE)** with 27 cooperating organizations. Its objective is to provide a timely international forum for researchers and engineers.



Call For Papers

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

Prospective authors are invited to **submit (E-mail meetings@isopec.org or Fax 1-650-254-2038) your abstract** in 300–400 words to: (1) **Online abstract submission** on 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

Deepwater /Deep-Ocean Dev, Systems & Tech
FPSO, SPAR, TLP & Compliant Structures
LNG, FLNG, LNG Plant
CFD, Hydroelasticity, VLFS
METOCEAN & Remote Sensing, Climate,
Waves, Sea State, Arctic
Subsea Umbilicals & Deepwater Installation
ISO, Code and Standards

FRONTIER ENERGY RESOURCES TECH
Engineering, Technology, Design And
Materials related to Clean Coal and Methane
Hydrates

Deep-Ocean Mining, Gas Hydrates

Deep-Ocean Resources, Gas Hydrates

RENEWABLE ENERGY & ENVIRONMENT

Offshore **Wind** Energy and Resource
Ocean Energy and Resource ; Waves, Tidal
Bioenergy from ocean
Coastal, Arctic & Antarctic Oil Spill
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

OFFSHORE MECHANICS

HYDRODYNAMICS & CFD

Computational Fluid Dynamics (CFD)
Numerical Wave Tank (NWT)
Waves; nonlinear, numerical, internal...
METOCEAN, Tsunami, rogue waves
Nonlinear Water-Structure Interactions
Vortex Shedding & VIV

SLOSHING DYNAMICS & DESIGN TSUNAMI & SAFETY 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

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

POLAR SCIENCE & TECH

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

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**.

Affordable ISOPE special room rates starts from **€84** at 5-star Rodos Palace Hotel, Social Events and Sightseeing tours will be arranged.

Send abstracts in 300–400 words to (1) ISOPE TPC Online (www.isopec.org and www.isopec2012.org) or (2) any of the members in the ISOPE Technical Program Committee (TPC) in the partial list below: **Abstract Deadline: October 20, 2011**

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 > [meetings](#) > [conference](#) or >ISOPE-2012 Rhodes: Special ISOPE room rates from €84. Advance registration fee starts from \$670.

Please join us in Rhodes and enjoy technical sessions in relaxed environment.

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