

ISOPE-2008



Vancouver

The 18th International Offshore (Ocean) and Polar Engineering Conference & Exhibition

Vancouver, British Columbia, Canada, July 6–11, 2008

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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. **The ISOPE-2007 Lisbon with 950+ attendance broke the all-time record-breaking attendance.** Following the successful organization of ISOPE-2007 Lisbon Conferences (120 sessions), the **ISOPE-2008 Vancouver** is being organized by Technical Program Committee (TPC) of the **International Society of Offshore and Polar Engineers (ISOPE)** with 27 cooperating organizations and societies (a partial list on the back). Its objective is to provide a timely international forum for researchers and engineers.



Call For Papers

Update at
www.isoape.org

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| | Abstract Submission | November 20, 2007 |
| DEADLINES | Manuscript for Review | January 15, 2008 |
| | Final Manuscript due | March 24, 2008 |

Prospective authors are invited to **submit (E-mail meetings@isoape.org or Fax 1-650-254-2038) your abstract** in 300-400 words to: (1) **Online abstract submission** on www.isoape.org; (2) **One of TPC members** (session organizers, see backside); or (3) **ISOPE-2008 TPC, P.O. Box 189, Cupertino, California 95015-0189, 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 80 technical and industry sessions with participation from some 48 countries will emphasize tentative topics:

OFFSHORE TECHNOLOGY & OCEAN ENGINEERING

Deepwater /Deep-Ocean Dev, Systems & Tech
FPSO, SPAR, TLP & Compliant Structures
Gas Transport: LNG/CNG//LPG/GTL
CFD, Hydroelasticity, VLFS
METOCEAN & Extreme Environment:
Climate, Waves, Sea State
Subsea Systems & Intervention
Shipbuilding & Ocean Materials

FRONTIER ENERGY RESOURCES Symposium

Oil Sands, Shale Oil, Methane, Hydrates, Biofuel, ...

RENEWABLE ENERGY

Ocean Energy & Offshore Wind Energy

Ocean Resources, Gas Hydrates & Mining

Deep-Ocean Mining and Ocean Resources
Gas Hydrates, Deep-Ocean-Water Upwelling

ENVIRONMENTS

Environmental Modeling and Impact
Coastal, Marine, Arctic & Antarctic

REMOTE SENSING

GEOTECHNICAL ENGINEERING

Soil Properties and Improvements
Foundations & Pile, **Modeling & Simulation**
Earthquake Engineering, Dam Safety
Geo-Environment, **Gas Hydrates**

OFFSHORE MECHANICS

HYDRODYNAMICS

Computational Fluid Dynamics (CFD) & Code
Numerical Wave Tank (NWT)
Waves; nonlinear, numerical, internal...
METOCEAN, Tsunami, rogue waves
Hydrodynamic Forces & Dynamic Responses
Fluid-Structure Interactions, Vibration Control
Vortex Shedding & VIV

MECHANICS, SAFETY & RELIABILITY

Risk, Safety and Reliability
Engineering Reliability
Collision, Impact, Damages
Earthquake Engineering
Structural Mechanics, Ultimate Strength

Pipelines, Risers, Cables & Mooring

Mechanics of Risers, Mooring & Cables
Offshore and Arctic Pipelines
Reliability, Integrity & Safety, Materials
Forces, Dynamics, **Corrosion, Design**

ISO, Code and Standards

CFD & Computational Mechanics

Experiment & Measurement Techniques

COASTAL ENGINEERING

Tsunami, Long waves, Storm Surge, Wave
Impact, Group Waves
Breakwaters and Coastal Protection,

HIGH-PERFORMANCE MATERIALS Symposium

NANOMATERIALS for Energy Industry
Emerging Materials
SHIPBUILDING & OCEAN MATERIALS
Steel and Metal Alloy Development
Welding Technology
Composites & Smart Structures...
Fatigue, Fracture, Corrosion Fatigue & SCC
Tubular Structures, Joints & Members

STRAIN-BASED DESIGN Symposium

ICE/ POLAR ENGINEERING & SCIENCE

Ice Engineering Mechanics and Modeling
Ice-Structures, Ice-breaking, Structures
Arctic/Antarctic Shipping, Navigation & Rescue
Environment, Atmospheric Icing

ADVANCED SHIP TECHNOLOGY

LNG/CNG/LPG/GTL; Naval Systems,
Ship Hydrodynamics and Structures

UNDERWATER SYSTEMS & OCEANOLOGY

AUV, ROV, Gliders
Robotics & Subsea Intervention
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. Papers of archival value will be further considered for publication in the *International Journal of Offshore and Polar Engineering*—www.isoape.org.

Good ISOPE group discount room rates, Technical Visits, Social Events and Sightseeing tours are being arranged.

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

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