

ISOPE-2002



Kyushu

The 12th International Offshore and Polar Engineering Conference & Exhibition

Kitakyushu, Japan, May 26-31, 2002

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Since ISOPE-1992, the annual ISOPE conferences have been the world's largest technical conferences of its kind with refereed papers. Following the successful organization of 91 sessions for ISOPE-2001 Stavanger, the **ISOPE-2002** is being organized by the **International Society of Offshore and Polar Engineers (ISOPE)** with 20 cooperating organizations and societies (the list on the back), and hosted by Kyushu University and Local Committee. Its objective is to provide a timely international forum for researchers and engineers.



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DEADLINES

Abstract Submission (2 copies)

September 28, 2001

Manuscript for Review (3 copies)

December 15, 2001

Final Manuscript due

March 8, 2002

Prospective authors are invited to submit two copies of abstract in 300-400 words to: (1) **One of TPC members** (session organizers, see backside), (2) **ISOPE-2002 TPC, P.O. Box 189, Cupertino, California 95015-0189, USA: Fax 1-408-980-1787; E-mail meetings@isopec.org** on (3) **Online abstract submission** on www.isopec.org, 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 70 technical and industry sessions with participation from some 45 countries will emphasize tentative topics:

OFFSHORE TECHNOLOGY & OCEAN ENGINEERING

Deepwater /Ocean Systems & Technology
TLP, SPAR, FPSO & Compliant Structures
MOB & Very Large Floating Structures
Metocean & Design Conditions: Climate, Waves, Analysis
Subsea Systems & Operations
Deepwater Field Developments
Inspection, Reassessment, Fire & Safety
Removal & Decommissioning

Pipelines, Risers, Cables & Mooring

Mechanics of Deepwater Risers & Mooring
Mooring, Cables
Offshore and Arctic Pipelines
Reliability, Integrity & Safety, Materials
Forces, Dynamics, **Limit-State Design**

Resources & Renewable Energy

Ocean Energy & Offshore Wind Energy
Ocean Resources and Deep-Ocean Mining
Gas Hydrates

GEOTECHNICAL ENGINEERING

Soil Properties and Improvements
Foundations & Pile
Geotechnical Earthquake Engineering
Geo-Environment

OCEAN & POLAR ENVIRONMENTS

Environmental Impact and Modeling
Coastal, Marine, Arctic & Antarctic

OFFSHORE MECHANICS

Hydrodynamics

Waves; nonlinear, numerical, internal...
Numerical Wave Tank
Hydrodynamic Forces
Dynamic Responses, Earthquake Responses
Fluid-Structure Interactions, Vibration Control
Higher-Order Effects
Vortex Shedding & Flow-Induced Vibrations

Mechanics, Structures & Reliability

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

ISO and Standards

Remote Sensing

Computational Mechanics
Measurement Techniques

COASTAL ENGINEERING

Waves, Wave Impact, Tsunami, Group Waves
Breakwater, Wave-structure interactions

ICE/POLAR ENGINEERING & SCIENCE

Ice Mechanics, Modeling and Forces
Ice-Structure Interactions & Ice Breaking
Ice Conditions, Forecasting & Navigation
Atmospheric Icing
Ice Management
Construction/Logistics/Research

MATERIALS, TUBULAR STRUCTURES & WELDING

Advanced Materials for Deepwater Applications

Tubular Structures, Joints & Members
Steel, Metal and Tech.
Composites and Smart Structures ...
Fatigue & Fracture
Corrosion Fatigue & SCC
Underwater Welding & Robotics
Welding Technology; Automation & Repairs

ADVANCED SHIP TECHNOLOGY

Naval/Coastal Systems & Operations
Dynamics, Structures, Capsizing, ...

UNDERWATER SYSTEMS

Subsea Intervention & AUV, ROV, Robotics
Smart Vehicles
Underwater Sensors, Networking & Control

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*.

Technical Visits, Social Events and Sight-seeing tours and **ISOPE group accommodation package are being arranged.**

Special ISOPE room rates at 4-star hotel from ¥9,500 (≈US\$ 80).

Send abstracts in 300-400 words to (1) ISOPE TPC, (2) any of the initial members in the ISOPE Technical Program Committee (TPC) in the Partial List (A) below, or (3) new TPC member (session organizer) listed below, some with fax:

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