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First Call For Papers

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| DEADLINES | Abstract Submission | October 20, 2017 |
| | Manuscript for Review | January 15, 2018 |
| | Final Manuscript due | March 24, 2018 |

Prospective authors are invited to submit an abstract in 300-400 words to: (1) Online abstract submission or email meetings@isopec.org; or (2) ISOPE-2018 TPC, 495 North Whisman Road, Suite 300, Mountain View, California 94043-5711, USA (Phone 1-650-254-1871; Fax 1-650-254-2308), 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 140+ technical and industry sessions with participation from some 50+ countries will emphasize tentative topics:

OFFSHORE TECHNOLOGY & OCEAN ENGINEERING

Deeper Water System, Install & Decommission
Subsea Umbilicals & Flexible Pipe
FPSO, SPAR, TLP, VLFS, Compliant Struct
LNG, FSRU, FLNG, LNG Bunker & Storage
Station-keeping; DPS, Mooring, Hybrid
CFD, Hydroelasticity, Asset Integrity
METOCEAN & Remote Sensing, Climate,
Waves, Sea State, Arctic

ISO, Code and Standards

FRONTIER Energy Resources Tech
12th (2018) Deep-Ocean Mining, Gas
Hydrates (OMGH/OMS) Symposium

RENEWABLE Energy & Environ Symp.

Offshore Wind Energy, Wind Turbines
Ocean Energy, Waves, Tidal, Current, OTEC
Aero-, Hydro-, Geo Mechanics: Simulation
Test, Control Simulation, Design Optimization,

ENVIRONMENT

Carbon Capture CCS, Environmental Modeling
& Impact, Oil Spill

GEOTECHNICAL ENGINEERING

Computational Geomechanics, Modeling
Soil Properties Slope Stability, Geohazards
Foundations/Testing & Instrumentation Pile-Soil
Interaction, Suction Piles
Scour/Earthquake/Arctic Geo-Rock Mechanics

OFFSHORE MECHANICS

HYDRODYNAMICS & CFD

CFD and NWT, and Hydroelasticity
Waves; Loads, internal & external
Wave-Structure Interaction Dynamics
METOCEAN, Tsunami, Rogue waves
Vortex Shedding & VIV (FIV) Suppression
SLOSHING & DESIGN Symposium
TSUNAMI & Safety Symposium

COASTAL ENGINEERING & CFD

CFD, MPS, Tsunami, Typhoon, Storm Surge
Hydrodynamics, Waves, Internal Waves
Structures, Breakwaters, Port & Harbor
Morphodynamics, Sediment Transport, Erosion

CFD & Computational Mechanics

SUBSEA, PIPELINES, RISERS

Deepwater & Arctic Pipeline, Subsea & Installation,
Deepwater Riser & Design, Flow Assurance,
Integrity Management, Pipe Soil interactions,
Materials, Asset Integrity, Buckling,
Flexible Pipe, Umbilicals, Power Cable
Vortex Shedding & VIV (FIV) Suppression

SAFETY & RELIABILITY, MECHANICS

Risk, Safety and Reliability
Collision, Impact, Damages,
Structural Health Monitoring,
Structural Mechanics, Ultimate Strength
Computational Mechanics

ARCTIC SCIENCE & TECH Symposium

Arctic Resources, Infrastructure, Logistics
Arctic Transport: Shipping, Pipelines
Arctic Structures, Design, Icing, Permafrost
Ice Mechanics, Loads, Modeling, Forecasting
Polar Meteorology, Pack Ice, Risk Management
Testing, Arctic Environ, Remote Sensing

HIGH-PERFORMANCE MATERIALS

Cryogenic Materials Symposium
Arctic Materials Symposium
Strain-Based Design Symposium
Asset Integrity Symposium
Nanomaterials Symposium
Materials Reliability
Welding Technology
Steel and Metal Alloy Development
Composites, Smart Structures Fatigue,
Fracture, Functional Coating
Structural Integrity, Tubular Structures

ADVANCED SHIP TECHNOLOGY

Green Ship; Digital Shipbldg, Naval Systems,
Ship Hydrodynamics and Structures
Smart Ship, Ship Powering

UNDERWATER SYSTEMS

Deep-Ocean AUV, ROV, Gliders, Monitoring
Oceanfloor Vehicle and Control
Robotics & Control, Aquabiomechanism
Optics, Acoustics, Communication
Smart Vehicles

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 *International Journal of Offshore and Polar Engineering* (ISSN 1053-5381)—www.isopec.org. Special ISOPE group room rate at 5-star hotel starts from \$80 and up. Social Events and Sightseeing tours are arranged.