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Since ISOPE-1992, the annual ISOPE conference has been the world's largest technical conference of its kind with **peer-reviewed** papers. Proceedings are **indexed by Scientific and Technical Proceedings (ISTP/ISI), Web of Science, Google Scholar, Engineering Index, EI Compendex, Scopus, Chemical Abstracts and more.** Following the **all-time record-breaking attendance since ISOPE-2007 Lisbon, the conference has continued to set new records, receiving 1,700+ abstracts for ISOPE-2015 Hawaii.** The conference is being organized by the Technical Program Committee (TPC) of the **International Society of Offshore and Polar Engineers (ISOPE)** with 30+ cooperating organizations. Its objective is to provide a timely international forum for researchers and engineers.



First Call For Papers

Update at
www.isopec.org

Online submission <http://www.isopec.org/call4papers/2018/HowToSubmitAbstractOnline.htm>

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**; (2) **One of TPC members** (session organizers, see backside); or (3) **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
Clean Energy, Clean Coal,
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

High-Manganese Steel Symposium
Strain-Based Design Symposium
Asset Integrity Symposium
Arctic Materials Symposium
Nanotechnology Symposium
Materials Reliability in Refining
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 J 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.

Send abstracts in 300-400 words to (1) ISOPE TPC Online (www.isope.org) or (2) any of the members in the ISOPE Technical Program Committee (TPC) in the partial list below: **Abstract Deadline: October 20, 2017**

Dear Colleagues,

On behalf of ISOPE-2018 TPC, we would like to invite your abstract for possible presentation at the 28th International Ocean and Polar (Arctic) Engineering Conference, Sapporo, Japan, June 10–15, 2018. In addition to strong sessions on the existing popular ISOPE topics, next year we continue to promote **additional specialty symposia on emerging topics** as listed on the front side.

Please join us in Sapporo, and enjoy technical sessions in relaxed environment.

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13th Pacific/Asia Offshore Mechanics Symposium, ISOPE PACOMS-2018 Jeju, Korea, October 14-17, 2018 <http://www.isope.org/conferences/conferences.htm>