First Call For Papers

Online submission: http://www.isope.org/online-submission/

DEADLINES
Abstract Submission: November 20, 2020
Manuscript for Review: February 5, 2021
Final Manuscript due: April 10, 2021

Prospective authors are invited to submit an abstract in 300-400 words to: (1) Online abstract submission (see above) or email meetings@isope.org; (2) One of TPC members (session organizers, see backside); or (3) ISOPE-2021 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’ 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, AI
AI, VR Simulation, Digitalization, Deeper Water, Floatover-install, Decommissioning
Subsea Installation & Operation
FPSO, SPAR, TLP, VLFS, Compliant Struct
LNG, FSRU, FLNG, LNG Bunker & Storage
Floating, Bridge, Underwater Tunnel, Farm
DP System, Mooring, Hybrid
CDF, Hydroelasticity, Asset Integrity, SHM
ISO, Codes and Standards, Rules, Regulation
DEEP-OCEAN MINING, GAS HYDRATES
Exploration, Environment, Technology

OCEAN, WIND Renewable ENERGY Symp
Offshore Wind Energy/Turbines, Ocean Energy: Waves, Tidal, Current, OTEC, Hybrid system
Aero-, Hydro-, Geo Mechanics: Simulation Test, Control Simulation, Design Optimization, Energy Storage, Transmission

OCEAN, ARCTIC ENVIRONMENT
Ocean Debris/ Micro Plastic, Oil Spills, Contamination, Cleanup, CCS, Ship Emission, Remote Sensing, Sensors, Monitoring/Impact,

GEOTECHNICAL ENGINEERING
Numerical Modeling, Liquefaction, Scour
Offshore Wind Foundation, Design, Install
Big Data, Soil, Slope Stability, Geohazards
Pile-Soil, Suction Piles, Anchor-Seabed
Arctic, Permafrost

OFFSHORE MECHANICS
HYDRODYNAMICS & CFD
CDF, SPH, NWT, Multi-scale Hybrid modeling
CCP-WSI, Flow Measurements/Simulation
Waves: Load, Impact Load, Hydroelasticity
Metocean, Rogue waves, Tsunami & Impact
Wave-Struct Interactions
Vortex Sheding , VIV (FIV), Suppression
SLOSHING & DESIGN Symposium
TSUNAMI & Safety Symposium

COASTAL ENGINEERING & CFD
CDF, MPS, ANN, Learning, GIS, Tsunami, Typhoon, Storm Surge, Hydrodynamics, Waves, Internal Waves, Morphodynamics, Structures, Breakwaters, Port, Ecosystem
Particle Methods for Ocean and Coastal Symp

Innovation, AI, Machine Learning, ANN,
Digital, Big Data, New Modeling, Mechanics
Vortex Sheding, FIV, FIV Suppression

SUBSEA, PIPELINES, RISERS, AI
Subsea Digitalization, HPHT, Flow Assurance
Deepwater 3D Riser Mechanics, Pipe Soil inter actions, Stability, Buckling, New Materials,
Flexible Pipe, Umbilicals, Composite Pipe

SAFETY & RELIABILITY, MECHANICS
Risk, Safety and Reliability, Earthquake,
Collision, Impact, Damage Mechanics
Structural Mechanics, Ultimate Strength
Computational Mechanics, SHM

ARCTIC SCIENCE & TECH Symposium
Infrastructure, Arctic Harbor, Environment
Northern Sea Route, Arctic Communities, Safety
Ice Mechanics, Iceing, Iceberg, Ice Management
Structures, Pipelines, Design, Permafrost
Model Ice Basin, Risk & Safety Assessment
Remote Sensing, Polar Meteorology, Pack Ice

HIGH-PERFORMANCE MATERIALS
Cryogenic Materials, Arctic Materials Symp
Environment Assisted Cracking (EAC) Symp
Additive Manufacturing Symp, Nanomaterials
Renewable Energy Materials & Structures
Natural Disaster Monitoring (NDT, remote)
Asset Integrity, Knowledge Management
NanoTechnology Materials, Smart Structures
High Strength Materials, Welding Technology
Fatigue, Fracture, Functional Coating
Structural Integrity, Tubular Structures

ADVANCED SHIP TECHNOLOGY
Big data, Learning, IoT, EEDI; Digital Twin
LNG, Hydrogen processing, Electrical
Smart Ship, MASS, Hydrodynamics, Cavitition,
Resistance, Adv Propulsion, Optimization.
ASV, USV, Navigation, Maneuver, Control Rules, Regulation

UNDERWATER TECHNOLOGY
Deep-Ocean Observation, Operations, CFD,
Robotics, Control, Dynamics, Design, Sensing,
Navigation, Launch &Recovery
AUV, ROV, Gliders, Seafloor Vehicles, Tunnel

PAPER REVIEW AND PUBLICATIONS: All papers will be rigorously peer-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; digital files on www.onepetro.org. Papers of archival value will be further considered for publication in the International Journal of Offshore and Polar Engineering (ISSN 1053-5381) — www.isope.org.
Dear Colleagues,

On behalf of ISOPE-2021 Conference TPC, we would like to invite your abstract for possible presentation at the 31st International Ocean and Polar (Arctic) Engineering Conference, Rhodes (Rodos), June 20–25, 2021. In addition to strong sessions on the existing popular ISOPE topics, we continue to promote additional specialty symposia and focus sessions on emerging topics as listed on the front side.

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