



Join us at the in-person ISOPE-2022 Conference with delayed celebration of the 30th Conference

Since ISOPE-1992, the annual ISOPE conference has been the world's largest technical conference of its kind with papers, *and the proceedings with all papers peer-reviewed and paginated, and indexed by Scopus, EI Compindex, Thomson ISTP, Web of Science, Google Scholar, Chemical Abstracts and more*. Following the **then-record-breaking attendance at ISOPE-2007 Lisbon**, the conference set **new records with 1,700+ abstracts for ISOPE-2015 Hawaii**. The 2022 conference is being organized by the Technical Program Committee (TPC) of the **International Society of Ocean and Polar Engineers (ISOPE)** with **30+ cooperating organizations**. Its objective is to provide a timely international forum for researchers and engineers. ISOPE-2022 Conference is back as an **in-person (face-to-face)** Conference.



## First Call For Papers

Update at  
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Online submission <https://www.isopec.org/online-submission/>

|                  |                       |                         |
|------------------|-----------------------|-------------------------|
| <b>DEADLINES</b> | Abstract Submission   | <b>October 20, 2021</b> |
|                  | Manuscript for Review | <b>January 20, 2022</b> |
|                  | Final Manuscript due  | <b>March 28, 2022</b>   |

Prospective authors are invited to **submit an abstract** in 300-400 words to: (1) **Online abstract submission** (see above) **or email [meetings@isopec.org](mailto:meetings@isopec.org)**; (2) **One of TPC members** (session organizers, see backside); or (3) **ISOPE-2022 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, DIGITAL

AI, Control Simulation, Digitalization, Floating install Turbine, Float-over, Decommissioning Foundation, Installation & Operation FPSO, SPAR, TLP, VLFS, Compliant Struct Hydrogen, LNG, FSRU, FLNG, LNG Immersed/Floating Tunnel/Bridge, AquaFarm, DP Control System, Mooring, Hybrid CFD, Hydroelasticity, Asset Integrity, SHM

### DEEP-OCEAN MINING, GAS HYDRATES

Exploration, Environment, Technology, Design

### ISO, Codes and Standards, Rules, Regulation

### CLEAN ENERGY TECH, OCEAN, WIND Hydrogen Tech, LNG Tech, Ammonia, Wind

Energy/Turbines, Ocean Energy: Waves, Tidal, Current, OTEC, Hybrid system, Aero-, Hydro-, Geo-Mechanics, Floating:Install, Noise, Control Simulation/Test, Optimization, Energy Storage

### OCEAN, ARCTIC ENVIRONMENT

Clean Water, Ocean Debris, Micro Plastic, Oil Spills, Contamination, Cleanup, CCS, Emission, Remote Sensing, Sensors, Monitoring/Impact,

### GEOTECHNICAL ENGINEERING

Numerical Modeling, Liquefaction, Scour Physical/Centrifuge Modelling, Geohazards Turbine Foundation, Design, Install, Pile-Soil, Suction Pile, Anchor, Big Data, Soil, Stability,

### OFFSHORE MECHANICS

#### HYDRODYNAMICS & CFD

Intelligent Hydrodynamics, AI, ML, ANN, Data-driven modelling, Multiscale Comparative Study, Measurements/ Particle Methods, Digitalization, ANN, Waves; Load, Impact, Hydroelasticity, Metocean, Slamming, Bubble, Renewables, Vortex, VIV Suppression SYMPOSIA: Slushing, Tsunami, SPH,

#### COASTAL ENGINEERING & CFD

CFD, 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 (ML), ANN, Digital, Big Data, New Modeling, Mechanics Vortex Shedding, VIV Suppression*

#### SUBSEA, PIPELINES, RISERS, AI

Slugging induced Fatigue, Digitalization, HPHT, Deepwater 3D Riser Mechanics, Stability, Buckling, Flow Assurance, Pipe Soil interactions, Flexible Pipe, Umbilicals, Composite Pipe

#### MECHANICS, RISK & RELIABILITY

Risk, Safety and Reliability, Earthquake, Collision, Impact, Damage Mechanics Structural Mechanics, Ultimate Strength, SHM

### ARCTIC SCIENCE & TECH Symposium

Ice Mechanics, Iceberg, Icing, Ice Management Infrastructure, Arctic Harbor, Environment Arctic Transport, Navigation, Route, Safety, Structures, Pipelines, Permafrost, Design, Remote Sensing, Polar Meteorology, Pack Ice Model Ice Basin, Risk & Safety Assessment

### HIGH-PERFORMANCE MATERIALS

Cryogenic Materials, Arctic Materials Symp Environment Assisted Cracking (EAC) Symp Asset Integrity, Welding Technology Fatigue, Fracture, Structural Integrity, Tubular Structures Wind Energy Materials & Structures Natural Disaster Monitoring (NDT, remote) Knowledge Management, Functional Coating, Nanotechnology, Materials, Smart Structures High Strength Materials,

### ADVANCED SHIP TECHNOLOGY

Clean Fuel Technology, Hydrogen, Ammonia, LNG, Electric, Clean compliance, Ship Emission, Smart Ship, MASS, Hydrodynamics, Resistance, Optimization, Adv Propulsion, Cavitation, ASV, USV, Navigation, Maneuver, DP Control, Simulation Digital; Big data, Learning, IoT

### 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 are rigorously **peer-reviewed** prior to acceptance. The accepted papers will be included in the Conference proceedings, available at the Conference and for worldwide distribution; digital files at [www.onepetro.org/ISOPE](http://www.onepetro.org/ISOPE). Papers of archival value will be considered for further review for the *International Journal of Offshore and Polar Engineering, SCI-E* (ISSN 1053-5381)—[www.isopec.org](http://www.isopec.org).

Send abstracts in 300-400 words to (1) ISOPE TPC Online ([www.isopec.org](http://www.isopec.org)) or (2) any of the members in the ISOPE Technical Program Committee (TPC) in the partial list below: **Abstract Deadline: October 20, 2021**

Dear Colleagues,

On behalf of ISOPE-2022 Conference TPC, we would like to invite your abstract for possible presentation at the 32nd International Ocean and Polar (Arctic) Engineering Conference, Shanghai, June 6–10, 2022. 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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