ISOPE-2027

Osaka

ISOPE-2027 Osaka

The 37th International ***Ocean and Polar Engineering Conference***

Osaka, Japan

Ocean Arctic Energy Environment

June 15–19, 2027

Join us in Osaka, Japan, **a gateway for culture and innovation**

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 ISI ISTP/Web of Science, ISI/IT, ISI/PA, Clarivate, EI (Compendex), Scopus, Chemical Abstracts, Fluidex, 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 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*

www.isope.org

Online abstract submission https://www.isope.org/online-submission/ or email to meetings@isope.org

DEADLINES	**Abstract Submission**	**November 10, 2026**
	Manuscript for Review	January 18, 2027
	Final Manuscript due	March 22, 2027

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-2026 TPC, 495-300 North Whisman Road, 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, AI

Energy outlook, Intelligent Ocean Tech, AI, ML, Control, Simulation, Floating Installation, Foundation, Decommissioning, FPSO, VLFS, Compliant, Search/Rescue, Salvage/Repair
LH_2, NH_3, LCO_2, LNG, Electric, FSRU, FLNG, LNG, Immersed/Floating Tunnel/Bridge, Aqua Farm, DP Control System, Mooring
CFD, Hydroelasticity, Asset Integrity, SHM

DEEP-OCEAN MINING, HYDRATES

Minerals, Exploration, Adv Seabed Dredging, Processing, Control, Design, Underwater Drone, Integrated Seabed Collection, Upward Flows

RENEWABLE ENERGY: Ocean, Wind, …

FOWT, Comparative Study, **Ocean** Energy: Waves, Tidal, Current, OTEC, **Hybrid** system, Aero-, Hydro-, Geo-Mechanics, Floating: Install, Noise, Control Simulation/Test, Energy Storage
Hydrogen, LNG Tech, Solar, Nuclear Energy Outlook

CLIMATE, ENVIRONMENT

CO_2, CCS, NH_3, Emission, Remote Sensing, Monitoring/Impact Ocean Debris, Micro Plastic, Oil Spills, Contamination, Cleanup,

GEOMECHANICS, ENGINEERING

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

OFFSHORE MECHANICS

HYDRODYNAMICS and AI

AI, ML, PINN, NN, CNN, Data-driven modelling, Comparative Study - CCP-WSI Blind Test and Wind Turbine, Particle Methods, Digitalization, Waves; Load, Impact, Slamming, Cavitation, Hydroelasticity, Metocean, Bubble, Vortex Shedding, VIV/Suppression
Focus: AI, Intelligent Hydrodynamics, Impact, Sloshing, Cavitation, Cavity, Tsunami

COASTAL ENGINEERING & CFD, MPS

PINN, NN, Learning, GIS, Tsunami, Typhoon, Storm Surge, Hydrodynamics, Waves, Internal Waves, Coastal Pollution, Morphodynamics, Structures, Mooring, Breakwaters, Port, Ecosystem, Internal Waves

Innovation, AI, Machine Learning (ML), PINN, ANN, CNN, Digital, Big Data, MPH,

SUBSEA, UMBILICAL, PIPELINE, RISER

AI, Digitalization, HPHT, Deep Ocean 3D Riser Mechanics, Coupled Biaxial bending, Torsion, Stability, Buckling, Fatigue, Probabilistic approach, Pipe-Soil interactions, Hydraulic/lift

MECHANICS, MATERIALS, Collision, Impact, Risk

Risk, Safety, Reliability, Earthquake, Collision, Impact, Explosion, Damage Mechanics, Structure Mechanics, Ultimate Strength, SHM

POLAR SCIENCE & TECH Symposium

Sea Ice, Ice Mechanics, Iceberg, Icing, Ice Management, Infrastructure, ML, CNN, RNN, Arctic Harbor, Environment, Arctic Shipping, Navigation, Routes, Structures, Pipelines, Permafrost, Design, Remote Sensing, Meteorology, Pack Ice, Risk & Safety Assessment, Under-ice Drone

HIGH-PERFORMANCE MATERIALS

Cryogenic Materials for future energy, Carrier Design, Energy outlook, Low carbon design, 3D Printing, Fatigue, Fracture, Structural Integrity, Wind Energy Materials, Structures, Smart Structures, Welding Mechanics, Ueda Memorial, Knowledge Management, Functional Coating, NDT, Nanotechnology

ADVANCED SHIP TECHNOLOGY (AST)

***Symposium*: Marine Transport: CO_2, H_2, NH_3 Carriers (MaTCH).**

Clean Fuel & Technology, LH_2, LCO_2, NH_2, CCS, LNG Transport, Electric, Hybrid Propulsion, ML, IoT, AI, Digital; Big data,
Smart Ship, Adv Propulsion, Cavitation, Power Optimization, Resistance, MASS, ASV, USV, Navigation, Maneuver, Modular Control

UNDERWATER TECHNOLOGY

AI, ML, CFD, Deep-Ocean Survey, AUV, ROV, Drone, Seabed Vehicles, Robotics, Control, Dynamics, Deep Design, Sensing, Navigation, Launch & Recovery, Search & Rescue, Floating/ Immersed Tunnel

PAPER REVIEW AND PUBLICATIONS: ***All ISOPE papers are peer-reviewed prior to acceptance***. The accepted papers will be included in the Conference proceedings on USB, available at the ISOPE Conference and for worldwide distribution.

*** ***Papers of archival value*** will be considered for further in-depth review for the ***International Journal of Offshore and Polar Engineering (IJOPE)*** **(ISSN 1053-5381)**

**** ***Individual Conference and Journal papers*** available at **www.onepetro.org/ISOPE**. ***Proceedings in CD, USB or digital files*** *can be ordered* from **orders@isope.org**; **Conference and Symposium Program** at https://www.isope.org/conferences-symposia-and-workshops/.

Special ISOPE room rate at **Rihga Royal Hotel starts from economy rates and USD 183/night and up.**

ISOPE **Ocean, Arctic, Energy, Environ** **ISOPE-2027 Osaka, Japan, June 15–19** **Asia**

Submit abstracts in 300-400 words to (1) Online Submission portal (https://www.isope.org/online-submission) or (2) any of the members in the ISOPE Technical Program Committee (TPC) in the partial list below: **Abstract Deadline: November 10, 2026**

Dear Colleagues,

On behalf of ISOPE-2027 Conference TPC, we would like to invite your abstract for possible paper presentation at ***the 37th International Ocean and Polar (Arctic) Engineering Conference,*** *Osaka, Japan, June 15–June 19, 2027.* In addition to strong sessions on 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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