



Since ISOPE-1992, the annual ISOPE conferences have been the world's largest technical conferences of its kind with **peer-reviewed** papers. Proceedings are **INDEXED by Engineering Index and Compendex**. Following the all-time record-breaking attendance since ISOPE-2007 Lisbon, the **ISOPE-2010 Beijing, -2011 Maui, -2012 Rhodes and 2013 Anchorage** continued setting **new records**, receiving 1,200+ abstracts. The conference is being organized by 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.



Call For Papers

Update at
www.isope.org

<http://www.isope.org/call4papers/2014/HowToSubmitAbstractOnline.htm>

DEADLINES	Abstract Submission	October 20, 2013
	Manuscript for Review	January 15, 2014
	Final Manuscript due	March 24, 2014

Prospective authors are invited to submit your abstract in 300-400 words to: (1) **Online abstract submission** on [www.isope.org > Call for Papers > abstract online submission, or meetings@isope.org](http://www.isope.org); (2) **One of TPC members** (session organizers, see backside); or (3) **ISOPE-2014 TPC, 495 North Whisman Road, Suite 300, 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 100 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 & Compliant Structures
Station-keeping; DPS and Mooring
LNG, FSRU, FLNG, LNG Plant
CFD, Hydroelasticity, VLFS
METOCEAN & Remote Sensing, Climate, Waves, Sea State, Arctic
ISO, Code and Standards

FRONTIER Energy Resources Tech Symposia

Shale Gas, Clean Energy, Clean Coal, Oil Shale & sand
Deep-Ocean Mining, Gas Hydrates
Deep-Ocean Minerals & Mining, Gas Hydrates

RENEWABLE Energy & Environ Symp.

Offshore Wind Energy, Resources, Technologies
Ocean Energy and Resource ; Waves, Tidal
Carbon Capture CCS, Bioenergy from ocean
Oil Spill, Coastal, Arctic & Antarctic
Environmental Modeling and Sensing

GEOTECHNICAL ENGINEERING

Soil Properties and Improvements, Geohazards
Soil Modeling & Simulation, Slope Stability
Earthquake/Geoinformatics/GIS, Geo-environ
Pipe-Soil Interaction, Scour
Foundations & Anchors

OFFSHORE MECHANICS

HYDRODYNAMICS & CFD

CFD and NWT, and Hydroelasticity
Waves; nonlinear, numerical, internal
METOCEAN, Tsunami, rogue waves
Nonlinear Water-Structure Interactions
Vortex Shedding & VIV

SLOSHING Dynamics & Design Symposium TSUNAMI & Safety Symposium

COASTAL ENGINEERING

Tsunami, Long waves, Storm Surge, Wave Impact, Group Waves
Breakwaters and Coastal Protection
Port & Harbor, Coastal Monitoring

CFD & Computational Mechanics

SUBSEA, PIPELINES, RISERS

Deepwater & Arctic Pipeline, Subsea & Installation, Flow Assurance, Riser Mechanics & Design, Integrity Management, Pipe Soil interactions, Materials, Safety & Reliability, Flexible Pipe & Umbilicals
Vortex Shedding & Vibration Suppression

SAFETY & RELIABILITY, MECHANICS

Risk, Safety and Reliability

Engineering Reliability
Collision, Impact, Damages
Earthquake Engineering
Structural Mechanics, Ultimate Strength

ARCTIC SCIENCE & TECH Symposium

Arctic Oil & Gas Tech, Operations, Logistics.
Arctic Structures, Design, Icing, Permafrost
Arctic Transport: Shipping, Pipelines
Ice Mechanics, Loads, Modeling, Management
Polar Meteorology, Pack Ice , Oceanography
Extreme Harsh Environment, Polar Ecology

HIGH-PERFORMANCE MATERIALS

High Value-Added Ocean Materials
Nanotechnology
Welding Technology
Steel and Metal Alloy Development
Composites, Smart Structures...
Fatigue, Fracture, & Functional Coating
Structural Integrity; Tubular Structures

HIGH-MANGANESE STEEL Symposium STRAIN-BASED DESIGN Symposium ASSET INTEGRITY Symposium ARCTIC MATERIALS Symposium PIPELINE INTEGRITY Symposium

ADVANCED SHIP TECHNOLOGY

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

UNDERWATER SYSTEMS & OCEANOLOGY

Deep-Ocean AUV, ROV, Gliders, Monitoring
Robotics & Aquabiomechanism
Optics, Acoustics, Communication
Smart Vehicles, Multiple Vehicles

PAPER REVIEW AND PUBLICATIONS: All papers will be rigorously reviewed prior to acceptance. Conference proceedings are **indexed by EI**. 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 the **International Journal of Offshore and Polar Engineering**—www.isope.org.

Special ISOPE room rates at top 4-star and economy hotels starts from \$155 and \$60/night, Social Events and Sightseeing tours are arranged.

Send abstracts in 300-400 words to (1) ISOPE TPC Online (www.isope.org and www.isope2014.org) or (2) any of the members in the ISOPE Technical Program Committee (TPC) in the partial list below: **Abstract Deadline: October 20, 2013**

Dear Colleagues,

On behalf of ISOPE-2014 TPC, we would like to invite your abstract for possible presentation at the 24th International Ocean and Polar (Arctic) Engineering Conference, Busan, Korea, June 15–20, 2014. 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.

Click on [>meetings>conference](http://www.isope.org) or >ISOPE-2014 Busan or www.isope2014.org : Special ISOPE room rate at top 4-star and economy hotels starts from \$155 and \$60/night

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

ISOPE-2014 Busan Conference Technical Program Committee (TPC)

AUSTRALIA: Dr. E. Fontaine (AMOG Consulting); Prof. D-S Jeng (Griffith U), Prof. Susan Gourvenec (U of Western Australia); Dr. F Bransby (Adv Geomech); Prof. R Melchers (U of Newcastle); **BRAZIL:** Mr. S. Damasceno, Mr. F.R. Frade (Petrobras); Prof. GFM Souza (U Sao Paulo); Prof. S H Sphaier (COPPE/UFRJ); **CANADA:** Dr. B J Buckham (U of Victoria); Prof. B.B. Budkowska (U of Windsor); Prof. Y. F. Cheng (U of Calgary); Dr. S. Etienne (Ecole Polytech de Montreal); Mr. David Fissel, Mr. Ed Ross, ASL Environ); Drs. R M W Frederking, M Sayed (Canadian Hydraulics Center); Dr. A Parsa (Rutter Inc); Dr. S Prinsenberg, Ms. S Nudds (Bedford Inst of Oceanogr). Prof. W Qiu (Memorial U NFLD); Prof. J Q Shang (U Western Ontario); **CHINA:** Mr. W Dong (COSL); Profs. Y-C Li, B Teng (Dalian U of Tech); Prof. YQ Qi (So China Sea Inst Oceanology, CAS); Profs. YX Wu, FP Gao (Inst of Mechanics, CAS); Prof. GJ Chen (China U of Petroleum); Prof. TQ Li (Wuhan U of Tech); Profs. H Liu, D C Wan (Shanghai Jiao Tong U), Dr. J Su (Ocean U of China); Dr. A.M. Wang (COOEC); Prof. J Zheng (Hohai U); **DENMARK:** Prof. B M Sumer (Tech U of Denmark). Prof. J.D. Sørensen (Aalborg U and DTU Wind), Dr. J P Kofoed (Aalborg U); **FRANCE:** Mr. L Brosset (GTT); Prof. P Ferrant (Ecole Centrale de Nantes); Dr. L Diebold (Bureau Veritas); Dr. J-F Saint-Marcoux (Subsea7); **GERMANY:** Mr. T A Fischer (Ramboll Energy); Dr. N Goseberg (Leibniz U Hannover); Prof. T Ummenhofer, Dr. S. Herion (Karlsruhe Inst of Tech); Dr. Y P Hong (HSVSA); Mr. D Matha, U Smolka (U Stuttgart); Dr. S. Schreier (U of Rostock); Dr. G Schriever (Biolab Forschungsinstitut); Mrs. U Smolka (U Stuttgart); Dr. V. Sriram (Leibniz U Hannover); Mr. F Vorpaloh (Fraunhofer IWES); **GREECE:** Prof. D C Angelides, Dr. E Loukogeorgaki, Dr. T. Karambas (Aristotle U of Thessaloniki); Dr. T Soukissian (Hellenic Centre); **HONG KONG:** Dr. C-O Ng (U of Hong Kong); **INDIA:** Dr. M.A. Amanand (Natl Inst of Ocean Tech); Prof. K Murali (IIT Madras); **IRAN:** Dr. K Fakharian (Amirkabir U of Tech); **IRELAND:** Prof. F Dias (U College Dublin); **ITALY:** Mr. F. Lalli (ISPRA); Dr. M La Rocca (U of Roma); Dr. G Mannucci (C.S.M.); Prof. P Ruol (U of Padova); Dr. C.M. Spinneli (ENI); Prof. S Tinti (U of Bologna); Dr. D. Viciananza (Second U of Naples); **JAPAN:** Profs. S. Araki, M. Fujikubo, M. Kashiwagi, N. Kato, M. Minoura, S. Naito, N. Osawa, K-I Tokida, T Yao, (Osaka U); Profs. Y Kyozuka, H Kajiwara, S. Yamaguchi (Kyushu U); Prof. T Ishihara (U of Tokyo); Dr. H Kawai, Dr. K Hirayama (Port and Airport Res Inst); Dr. S-Y Kim (Tottori U); Dr. H. Kitakawa (Ocean Policy Research Foundation); Prof. K Otsuka, Dr. T Tsubogo (U of Osaka Pref); Dr. T. Komai (Tohoku U), Dr. R. Nagaosa (AIST, Tsukuba); Prof. W Koterayama, Prof. M Nakamura (RIAM, Kyushu U); Prof. T. Matsui (Osaka U); Dr. T Nakamura (Nagoya U); Prof. H Murakawa (JWRI, Osaka U); Prof. S. Nagata (Saga U, IOES); Prof. S. Okazawa (Hiroshima U); Dr. N Otsuka (North Japan Port Consultants.); Prof. H Saeki (Hokkaido U); Prof. T. Shibue (Kinki U, Wakayama); Dr. K Tanizawa (Natl Maritime Res Inst); Dr. E. Tsuru, Dr. T Hara (NipponSteel-Sumitomo Metal); Profs. T. Hiraishi, T. Utsunomiya (Kyoto U); Prof. Y. Yamamoto (Tokai U); **KOREA:** Dr. J K Choi (POSOCO); Prof. C K Chung (Seoul Natl U); Dr. Y. Kim (Seoul Natl U); Dr. S J Han (Expert Group); Dr. SW Im (RIST); Dr. K B Kang (Dongguk Steel); Drs. S W Hong, S Y Hong, H G Sung, S H Van, C Huh, HJ Hwang (MOERI-KIOT); Prof. G Zi (Korea Univ); Dr. S T Kee (Seoul Natl U of Tech); Drs. D S Kim, Dr. GT Kim (SK Innovation); Prof. S D Kim (KAIST); Prof. S S Kim (Sungkyunkwan U); Profs. H-I Park, B S Hyun, S G Lee, J W Lee (Korea Maritime U); Dr. S D Park (KIER); Profs. S K Park, H H Chun, J-C Park, W G Park (Pusan Natl U); Dr. S C Yu (POSTECH); **MALAYSIA:** Prof. V.J. Kurian (U Teknologi Petronas); **MEXICO:** Dr. J Enrico Garcia Gonzalez (Tenaris Tamsa); **NEW ZEALAND:** Prof. V A Squire (U of Otago); **NETHERLANDS:** Profs. A M Gresnigt, M Kaminski (Delft U of Tech); Dr. K A Willemse (SBM Offshore); Dr. R Hageman (MARIN); **NORWAY:** Dr. O M Akselsen (SINTEF); Dr. M Bjerkas (Reinertsen AS); Dr. G Eiksund (NTNU); Dr. Mons Hauge (Statoil); Prof. H Krogstad, Prof. M Musculus, Dr. TMH Le (NTNU); Dr. A D Jenkins (Uni Computing); Dr. J Jia (Aker Solutions); Profs. I Langen, J P Liyanage (U of Stavanger); Dr. H Moshagen (BHM Eng); Dr. E Øtsby (DNV); Mr. G Paulsen (FEDEM Tech); Dr. P Teigen (Statoil); Dr. S Yang (NGI); **PORTUGAL:** Profs. AJNA Sarmento (Lisbon Tech U-IST); Dr. J Fortes (LNEC); **RUSSIA:** Prof. A Bekker (Far Eastern Federal U); Prof. A S Bolshov (Saint Petersburg State Polytech U); Dr. I. Buzin (AARI); Dr. V. Pavlenko (Russian Academy of Sci); **SINGAPORE:** Dr. H Gu (ABS, Singapore); Prof. C.F. Leung (Natl U of Singapore); **SPAIN:** Ms. M F Lecca (Alstom Wind). **TAIWAN, CHINA:** Prof. R-Y Yang (Natl Cheng Kung U.); Prof. M-C Lin (Taiwan Natl. U); Prof C-P Tsai (Natl Chung Hsing Univ); Profs. J Z Yim, L-K Chien (Natl Taiwan Ocean U); Dr. T-R Wu (Nat'l Central Univ); **THAILAND:** Prof. S. Chuchepsakul (King Mongkut's U of Tech); **TURKEY:** Prof. S Kabdasli (Istanbul U of Tech); Prof. Y Yuksel (Yildiz Tech U); **UNITED KINGDOM:** Prof. L F Boswell (City U, London); Prof. D. Causon (Manchester Metropolitan U.); J King (GL); Dr. Q Liang (Newcastle U); Dr. F K Lim (ZH Offshore); Dr. Y Shen (MCS Kenny); Prof. QW Ma, Dr. S Yan (City U London); Mr. S. Maleki (TWI), Dr. J Zang (U of Bath); Dr. Q Xiao (U of Strathclyde).

USA: Drs. R Ayer, H W Jin, N Ma (ExxonMobil Research & Eng.); Prof. S Bang (S Dakota School Mines); Dr. C R. Bostater (Florida Inst of Tech); Profs. M Teng, H G Brandes (U of Hawaii); Mr. C C Capanoglu (I.D.E.A.S.); Dr. C-Y Chen (OFD); Dr. B-F Peng (J Ray McDermott); Profs. H-C Chen, M H Kim (Texas A & M U); Dr. S J Cho (KEPS); Prof. Jin S Chung (ISOPE); Dr. H Dagher (Univ of Maine); Drs. A S Duggal, A H Izadparast (SOFEC); Dr. K Jones (CRREL); Drs. W C Kan, D.S. Hoyt, M Cook, M Prinz (ExxonMobil Dev Co.); Prof. S T Grilli (U of Rhode Island); Prof. C Huh (U of Texas at Austin); Dr. J.K. Na, Mr. J Jennings (EWI); Mr. L Kozisek (State of Alaska/SPCO); Dr. P Jukes, Mr. A Eltaher (MSC Kenny); Dr. H J Jun (Arcelor Mittal Steel USA); Drs. T. Kokkinis, W Cheng, T Anderson (ExxonMobil Upstream Research); Profs. A Mahoney, H Eicken (U of Alaska, GI); Profs. R H Knapp, M Teng (U of Hawaii); Dr. T Makogon (BP America); Dr. G. Marani (West Virginia U); Dr. P W Marshall (MHP Systems Eng); Dr. T Mathai (Glosten Assoc.); Prof. S. Mouring (U.S. Naval Academy); Mr. J C Price (Gate LLC, Houston); Prof. T-C Joe Su (Florida Atlantic U); Profs. M Triantafyllou, N M Patrikalakis (MIT, Mechanical/Ocean Eng); Prof. H G Wheat (U of Texas at Austin); Dr. H Arslan (ExxonMobil Dev Co); Dr. J-F Wu (ABS Houston); Mr. M Wu (McDermott, Houston); Prof. C Yang (George Mason U); Dr. X Yu (IntecSea).

Sponsor: ISOPE. Cooperating Organizations and Societies: ASCE (USA), CAPP (Canada), CSCE (Canada), CSOE (China), CSNAME (China), CSTAM (China), DK MM (Germany), EIT (Thailand), GMT (Germany), IEA-OES, IE Australia, INAE (India), IRO (The Netherlands), JASNAOE (Japan), JSMS (Japan), KSCE (Korea); KSOE (Korea), NPF (Norway), OES (United Kingdom), PII (Indonesia), RAS (Russia), SPRI (U.K.), SOBENA (Brazil), SSSS (Singapore), TCG (Greece), TOC (Turkey), TSO E, USME (Ukraine), VTT (Finland)