

Prospective authors are invited to submit abstracts to:

# ISOPE PACOMS-2024 Chennai (Madras)

## The 15th ISOPE Pacific Asia Offshore Mechanics Symposium

Chennai, India, **October 13-16, 2024**

The 15th ISOPE Pacific Asia Offshore Mechanics Symposium (ISOPE PACOMS-2024) is being organized by the ISOPE PACOMS-2024 Symposium Organizing Committee (SOC), and Local Organizing Committee (LOC). It will be held in Chennai (Madras), India, hosted by the Indian Institute of Technology (IIT Madras). Previously fourteen ISOPE PACOMS symposia have successfully been held: Seoul 1990, San Francisco 1992, Beijing 1994, Busan 1996, Daejeon 2002, Vladivostok 2004, Dalian 2006, Bangkok 2008, Busan 2010, Vladivostok 2012, Shanghai 2014, Gold Coast 2016, Jeju 2018, and Dalian 2020 (hybrid). The purpose of the 15th Symposium is to provide a timely international forum for researchers and engineers interested in ocean, energy/resources and environment and to promote technical cooperation at an international level. We hope that this forum will provide an excellent opportunity for researchers and engineers to discuss technical progress and cooperation.



## First Call For Papers

[www.isopec.org](http://www.isopec.org)

DEADLINES	Abstract Submission	<b>April 29, 2024</b>
	Tentative Abstract Acceptance Notice	<b>April 30, 2024</b>
	Manuscript for Review	<b>June 20, 2024</b>

Prospective authors are invited to submit an abstract in 300-400 words to:

(a) Open [www.isopec.org](http://www.isopec.org) > PACOMS-2024 slide > PACOMS-2024 Abstract Submit or

(b) Email an abstract to [meetings@isopec.org](mailto:meetings@isopec.org); Fax +1-650-254-2038, ISOPE PACOMS-2024 secretariat, Mountain View, California, USA. (**Subject line: ISOPE-PACOMS-2024 Chennai**)

Or to one of PACOMS IOC members; cc: [meetings@isopec.org](mailto:meetings@isopec.org), e-mail (**Subject line: ISOPE-PACOMS-2024 Chennai**)

The abstracts must include the full names, addresses, postal and e-mail addresses of all author and co-authors. **All manuscripts will be peer-reviewed**, and the Symposium Proceedings, indexed by Engineering Index, EI Compendex, Thomson ISTP will be available during the Symposium and later from ISOPE. Access **online digital subscription of papers worldwide** from [www.onepetro.org](http://www.onepetro.org). Major libraries, academia, and industry are subscribers. **Select papers will be further peer-reviewed for possible publication in *International Journal of Offshore and Polar Engineering, SCI-E*.**

**Focus Sessions: Comparative study; Climate Change and Adaptation; Deep ocean Minerals and Environment**

*Hydrodynamics (CFD, Modelling)*  
*Offshore/Ocean Technology*  
*Underwater Robotics*  
*Coastal Engineering, Geotechnical*  
*Arctic and Antarctic*  
*Machine Learning, NN, and AI*  
*Digital twin, Big data and IoT*

*Wind, Ocean and Solar Energy Technology*  
*Gas Hydrates, CO<sub>2</sub> Sequestration*  
*Structures and Materials*  
*Autonomous surface vehicles*  
*Green Ship*  
*Geomechanics*  
*Disaster monitoring*

### PACOMS International Organizing Committee (IOC)

*Prof. M.A. Atmanand* (IIT Madras, India); *Mr. Yongjun Chen* (Bechtel Energy, USA); *Prof. S. Chuchepsakul* (King Mongkut's Univ. of Technology Thonburi, Thailand); *Prof. Jin S. Chung* (ISOPE, USA); *Dr. Byoung Wan Kim* (KRISO, Korea); *Prof. Y H Kim* (Seoul National University, Korea); *Prof. Dong Sheng Jeng* (Griffith U, Australia); *Prof. S Yamaguchi* (Kyushu U, Japan); *Prof. Hua Liu*, *Prof. Decheng Wan* (Shanghai Jiao Tong U, China); *Dr. Song Liu* (CNOOC-COPEC, China); *Prof. Dezhi Ning* (Dalian U of Tech, China); *Prof. V.I. Pavlenko* (FCIARctic, RAS, Russia); *Prof. V.Sriram* (IIT Madras), *Prof. Rocky Taylor* (Memorial Univ of Newfoundland, Canada)

### PACOMS Executive Committee

*Prof. S. Chuchepsakul* (Thailand); *Prof. Jin S. Chung* (USA); *Dr. S.W. Hong*, *S Y Hong* (Korea); *Prof. W. Koterayama* (Japan); *Prof. Hua Liu* (China); *Prof. V.I. Pavlenko* (Russia); *Prof. B. Teng* (China).

### Local Organizing Committee (LOC, India)

*V. Sriram*, *M.A. Atmanand*, *S.A. Sannasiraj*, *K. Murali*, *S. Nallayarasu*, *R. Paneerselvam*, *Nilanjan Saha*, *J Sangwai*, *R Vijayakumar*, *S Abhilash*, *Suresh Rajendran*, *K.G. Vijay*, *Narendran*, *S. Arjun*, *V. Sundar*, *R. Sundaravadivelu* (IIT Madras); *G.A. Ramadass*, *Gopa Kumar*, *S. Rajesh*, *V. Nidhi*, *J. Purnima*, *Phani kumar* (NIOT), *M.V. Ramanamurthy*, *Tune Usha* (NCCR), *S Jayakumar* (NIO), *P. Krishnankutty* (CUSAT), *Srinivasa kumar*, *H Rehman* (INCOIS), *M. Thampan*, *Manish Tiwari*, *Subramaniam M. M.* (NCPOR), *R. Krishnan*, *Swapna P*, *Vinu K. Valsala* (IITM Pune).

**Sponsor and cooperating Organizations:** International Society of Offshore and Polar Engineers (ISOPE), NSF (USA), IIT Madras (India), DUT (China), SJTU (China), KSOE, KRISO (Korea), RAS (Russia), KNUTT (Thailand), EA (Australia), NIOT (India)

**Host Organization:** Indian Institute of Technology, Madras (IIT Madras)

**Sponsors:** IIT Madras, and more later

PACOMS>Pac--2024