

## Member Organizations

- Chinese Society of Naval Architects and Marine Engineers (CSNAME)
- Fujian Society of Naval Architects and Marine Engineers (FSNAME)
- Hong Kong Institution of Engineers - Mechanical, Marine & Naval Architecture and Chemical Division (HKIE-MMNC)
- Hong Kong Institute of Marine Technology (HKIMT)
- Japan Society of Naval Architects and Ocean Engineers (JASNAOE)
- Japan Institute of Marine Engineering (JIME)
- Japan Institute of Navigation (JIN)
- Jiangsu Society of Naval Architects and Marine Engineers (JSNAME)
- Korea Society of Marine Engineering (KOSME)
- Korean Society of Ocean Engineers (KSOE)
- North East Asia Division / South East Asia Division of Institute of Marine Engineering, Science and Technology (NEAD/SEAD of IMarEST)
- Russian Scientific and Technical Society of Shipbuilders named after A.N. Krylov (NTOS)
- Society of Naval Architects of Korea (SNAK)
- Society of Naval Architects and Marine Engineers Singapore (SNAMES)
- Society of Shipbuilding Engineering of Heilongjiang Province (SSEHP)
- Shanghai Society of Naval Architects and Marine Engineers (SSNAME)
- Taiwan Society of Naval Architects and Marine Engineers (TSNAME)

## Objectives

Pan Asian Association of Maritime Engineering Societies (PAAMES) was organized to attain the objectives of

- Promoting science and technology in maritime engineering,

- Supporting the development of maritime industry,
- Exchanging scientific information,
- Improving the status of maritime engineers, and
- Enhancing cooperation and collaboration among the member organizations in Asia-Pacific countries and regions.

## History

The 1st PAAMES meeting was held in Shanghai, China from October 26-29, 2004 in conjunction with the 4th New S-Tech Conference. After the conference, the International Standing Committee (ISC) of the 1st PAAMES decided to change the name of New-S Tech to Advanced Maritime Engineering Conference (AMEC) to widen the scope, and to strengthen the link with PAAMES.

## Past Events

1 <sup>st</sup> PAAMES	Oct 26-29	Shanghai, China
2 <sup>nd</sup> PAMMES AMEC 2006	Oct 18-20	Cheju National University, Jeju Island, Korea
3 <sup>rd</sup> PAAMES AMEC 2008	Oct 20-22	Makuhari Messe, Chiba, Japan
4 <sup>th</sup> PAAMES AMEC 2010	Dec 6-8	National University of Singapore, Singapore
5 <sup>th</sup> PAAMES AMEC 2012	Dec 10-12	Evergreen International Convention Center, Taipei
6 <sup>th</sup> PAAMES AMEC 2014	Oct 28-30	Zhejiang Hotel, Hanzhou, China
7 <sup>th</sup> PAAMES AMEC 2016	Oct 13-14	Hong Kong Jockey Club, Hong Kong, China
8 <sup>th</sup> PAAMES AMEC 2018	Oct 16-19	BEXCO, Busan, Korea
9 <sup>th</sup> PAAMES AMEC 2021	Sep 20-22	St. Petersburg Marine Technical University, Russia
10 <sup>th</sup> PAAMES AMEC 2023	Oct 18-20	Kyoto Terrsa, Kyoto, Japan



## The 11th Pan Asian Association of Maritime Engineering Societies -PAAMES- meeting Advanced Maritime Engineering Conference AMEC 2025

## Innovations for a Sustainable Maritime Future

Singapore  
10-12 December 2025

## Call for Papers



**Society of Naval Architects and Marine Engineers Singapore (SNAMES)**  
&  
**Department of Civil & Environmental Engineering, National University of Singapore (NUS)**

## Scope

<b>1. Sustainable Maritime Practices and Decarbonization</b> Greenhouse Gas Emissions Reduction Energy Efficient Ship Design and Operation Carbon Neutrality in Maritime Industry and Zero Emission Ships Business Strategies for Maritime Sustainability Marine Transportation of CO <sub>2</sub> , H <sub>2</sub> , and NH <sub>3</sub> Carriers	<b>2. Advanced Ship and Offshore Structure Design</b> Novel Marine Design Offshore Design Methodology Modular Design and Systems Engineering Hybrid and Electric Propulsion Wind Powered / Wind Assisted Ships Offshore Wind Turbines, Semi-submersibles, Floating Fish Farms, or Floating Cities Floating and Immersed Tunnels
<b>3. Clean Fuels, Renewable Energy and Energy Transition</b> Alternative Fuels Ocean Renewable Energy Technology (Tidal, Current, and Wave Energy Converters, Wind Turbines) Fuel Cell and Battery Technologies Energy Storage and Management	<b>4. Digital Transformation and Smart Technologies</b> Digital Transition in Maritime Design Smart Ships and Autonomous Vessels, Unmanned Systems Current Situation and Development of Autonomous Shipping Digital Shipyards and Smart Manufacturing
<b>5. Safety and Regulatory Compliance</b> Development of International Regulations by IMO, regional, and national authorities Classification Society Rules Safety in Maritime Engineering	<b>6. Underwater Technology</b> Autonomous Underwater Vehicles (AUVs) Underwater Robotics and Sensing Deep-Ocean Survey Technologies
<b>7. Maritime Logistics, Management, and Business</b> Maritime Economics and Trade Ship Management and Operations Risk Management and Marine Insurance Chartering and Broking Port and Terminal Operations Supply Chain Management and Optimization	<b>8. Education, Human Resources, and Other Topics</b> Maritime Education and Training Human Factors AI and Machine Learning in Maritime Engineering Advanced Computational Methods Circular Economy Innovative Materials and Manufacturing Techniques Others

## Proceedings

E-proceedings (ISBN will be assigned) will be available to all conference delegates. All the manuscripts submitted to AMEC 2025 can be re-submitted to the journals (e.g. Annual Journal of Society of Naval Architects and Marine Engineers Singapore, etc.) without any restriction.

## Singapore Organizing Committee

Dr Ang Joo Hock	Chairman
Dr Paul Ong	Vice-Chair
Dr Ng Chun Wee	Secretary
Mr Low Jinyi	Asst. Secretary
Ms Joyce Tan	Treasurer
Mr Ken Chin	Asst. Treasurer
Dr Liu Shukui	Chair (Technical)
Dr Lim Chin Lee	Vice-Chair (Technical)
Mr Rob Egan	Member (Technical)
Mr Michael Cheng	Member (Technical)
Mr Lee Ee Win	Chair (Events)
Mr Albert Ng	Vice-Chair (Events)
Mr Foo Nan Cho	Member (Events)
Mr Daniel Seow	Member (Events)
Prof Choo Yoo Sang	Advisor (Technical)
Mr Cheah Kok Keng	Advisor (Events)

## Technical Committee Members

A/Prof Duan Fei	NTU
A/Prof Xiao Zhongmin	NTU
Asst. Prof Yan Ran	NTU
Asst. Prof Wong Wee Chin	SIT
Asst. Prof Sundar Thirumalai	SIT
A/Prof Arun Dev	NU
Asst. Prof Chen Hao	NU
Dr Liang Hui	TCOMS
Dr Zhang Chi	TCOMS
Dr Jai G. Acharya	IMMC
Mr Derrick Ng	BV Marine
Mr Liong Ching Theng	TCOMS

## Programme

9 Dec	Welcome Drinks
10 Dec	PAAMES Forum (AM) PAAMES Lectures (PM)
11 Dec	Technical Sessions Site Visits
12 Dec	Technical Sessions Banquet Dinner

## Awards

The Best Paper Awards will be presented.

## Key Dates

Call for Papers	31 <sup>st</sup> January 2025
Abstract (single page)	<b>25<sup>th</sup> May</b> 2025
Notification of Abstract Acceptance	<b>30<sup>th</sup> May</b> 2025
Full Paper Submission	15 <sup>th</sup> July 2025

## Registration Fee

Early Bird (by <b>31<sup>st</sup> July</b> 2025)	SGD 700
Conference Delegate	SGD 800
Students	SGD 550
PAAMES Forum Only	SGD 150
Dinner only	SGD 250

## Venue

National University of Singapore, College of Design and Engineering

## Registration/Contact

Register online: [www.AMEC2025.sg](http://www.AMEC2025.sg)

Contact email: [AMEC2025@snames.org.sg](mailto:AMEC2025@snames.org.sg)