

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

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

| | |
|---|--|
| 1. Sustainable Maritime Practices and Decarbonization 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 ₂ , H ₂ , and NH ₃ Carriers | 2. Advanced Ship and Offshore Structure Design 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 |
| 3. Clean Fuels, Renewable Energy and Energy Transition Alternative Fuels Ocean Renewable Energy Technology (Tidal, Current, and Wave Energy Converters, Wind Turbines) Fuel Cell and Battery Technologies Energy Storage and Management | 4. Digital Transformation and Smart Technologies Digital Transition in Maritime Design Smart Ships and Autonomous Vessels, Unmanned Systems Current Situation and Development of Autonomous Shipping Digital Shipyards and Smart Manufacturing |
| 5. Safety and Regulatory Compliance Development of International Regulations by IMO, regional, and national authorities Classification Society Rules Safety in Maritime Engineering | 6. Underwater Technology Autonomous Underwater Vehicles (AUVs) Underwater Robotics and Sensing Deep-Ocean Survey Technologies |
| 7. Maritime Logistics, Management, and Business 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 | 8. Education, Human Resources, and Other Topics 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 Lim Chin Lee | Chair (Technical) |
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| Mr Rob Egan | Member (Technical) |
| Mr Michael Cheng | Member (Technical) |
| Mr Lee Ee Win | Chair (Programs)) |
| Mr Albert Ng | Vice-Chair (Programs)) |
| Mr Foo Nan Cho | Member (Programs) |
| Mr Daniel Seow | Member (Programs) |
| Prof Choo Yoo Sang | Advisor (Technical) |
| Mr Cheah Kok Keng | Advisor (Programs) |

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

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|--------|---|
| 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

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|-------------------------------------|------------------------------------|
| Call for Papers | 31 st January 2025 |
| Abstract (single page) | 25 th May 2025 |
| Notification of Abstract Acceptance | 30 th May 2025 |
| Full Paper Submission | 31th August 2025 |

Registration Fee

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| Early Bird (by 31st August 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

Contact email: AMEC2025@snames.org.sg