FAST 2025 - Call for Papers

The International Conference on Fast Sea Technology (FAST) is the premier global conference for high performance ships and craft and brings together experts in their research, design, manufacturing, and operations from around the world to share the latest knowledge and experiences with these vessels and their supporting technologies.

FAST 2025 will be held 29 October 2025 in Norfolk, Virginia, USA, ahead of the annual SNAME Maritime Convention. The theme of the 2025 conference is "Connecting the Dots In High-Speed Craft Digital Design," with papers concerning the digital thread running through all phases of the system lifecycle. Advanced computational, experimental, and machine learning techniques to facilitate individual elements of the digital thread, and methods to link the elements together to integrate the thread are welcomed.

High performance ships offer improved speed and/or operability in high sea states in comparison to conventional displacement vessels and come in a broad range of configurations in many sizes: planing craft, multi-hulls, hydrofoils, Small Waterplane Area Twin Hull (SWATH) ships, Wing-In-Ground-effect (WIG) craft, air cushion vehicles/hovercraft, surface-effect ships, seaplanes.

Topics of interest for the conference include, but are not limited to:

- Novel vessel configurations, hull forms, and hydrodynamics
- Propulsion systems, including advances in electric propulsion
- Motion control and maneuvering systems
- Operational uses of fast ships and craft
- Structural design, materials, construction, including additive manufacturing methods
- Design processes and tools, including the application of artificial intelligence to design
- Modeling & simulation for the analysis of structures, resistance, seakeeping, and maneuvering
- Autonomy including mission management, guidance, navigation & controls, and health monitoring
- Environmental effects and mitigation, including CO_2/alternative fuels and acoustic noise
- Economics and the value of speed
- Risk, safety, survivability
- Classification and regulation, especially as pertains to ground-breaking technologies

The FAST papers committee are calling for abstracts for technical papers be submitted no later than February 10, 2025. For additional information on the event and abstract submittal requirements, please visit the FAST 2025 webpage at the following link:

INSERT WEB LINK TO SNAME PAGE

The following additional information should be on the SNAME website page containing the call for papers.

Action	Date
ScholarOne is open for abstract submission	Thursday, 02 January 2025
Latest date for abstract submission **EXTENDED**	Monday, 24 February 2025
Authors notified of acceptance of abstracts **EXTENDED**	Monday, 24 March 2025
1st drafts due	Monday, 05 May2025
1st draft reviewer comments returned to authors	Monday, 02 June 2025
2nd drafts due	Monday, 30 June 2025
2nd draft reviewer comments returned to authors	Monday, 21 July 2025
Accepted manuscripts due for inclusion with Conference proceedings	Friday, 01 August 2025
Final PowerPoint presentations due	Monday, 06 October 2025