INSTITUTE OF MARINE
Engineering, Science & Technology

EAAW XI
ENGINE AS A WEAPON ▪ International Symposium

CALL FOR PAPERS

DISRUPTIVE NAVAL TECHNOLOGIES –
DEVELOPING, SUPPORTING AND SUSTAINING THE FRONTLINE.

26 and 27 November 2025
Portsmouth, UK

ABSTRACT SUBMISSION
DEADLINE: **24 JANUARY 2025**

NOTIFICATION TO SUCCESSFUL
AUTHORS: **7 MARCH 2025**

RECEIPT OF FULL TECHNICAL
PAPERS: **9 JUNE 2025**

SUBMIT YOUR ABSTRACT

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In an increasingly digital world, previously clear demarcation between Marine and Weapon systems is now becoming less obvious with platform and combat management software increasingly hosted on the same hardware. Engine as a Weapon XI (EAAW XI) seeks to explore where new technologies and techniques can be implemented to increase warfighting advantage and the conference aims to draw and discuss papers that span across a wide range of existing and developing fields. It is in these areas where advantage in the maritime battlespace is now being realised, and the ability to agilely update software, systems and equipment to maintain this capability advantage is increasingly being pushed to the fore. In conjunction with the themes listed below, EAAW XI also asks how the Maritime Enterprise could respond to the challenge of rapid digital capability insertion into a highly assured, highly resilient system without introducing performance, security and cyber risk

EAAW XI is keen to draw papers from all specialist areas, including Naval Architects, Marine and Weapons Engineers, Naval Engineers and academia.

CONFERENCE THEMES

- **Developing capabilities fast.** Novel materials and manufacturing incl. Agile response, process time vs innovation / industrialising and pushing manufacturing closer to the front line.
- **Autonomous systems.**
- **Quantum technology, advanced machine learning and cyberwarfare.**
- **Next gen comms networks.**
- **Asymmetric and unconventional threats.**
- **Transforming power generation, distribution, propulsion and transmission.**
- **New developments in energy storage.**
- **Lethality & hypersonics.**
- **System of systems.** Delivering the Maritime Architecture Vision (MAV) and supporting legacy and new build platforms through open architecture, containerisation and digital twinning.
- **Rapid digital capability insertion.**