MARESEC 2025

European Workshop on Maritime Systems Resilience and Security
21-22 May 2025 // Hybrid Event, Rostock, Germany

CALL FOR EXTENDED ABSTRACTS / PAPERS

The **5th European Workshop on Maritime Systems Resilience and Security (MARESEC 2025)** is dedicated to the research on resilience, security, technology and related ethical, legal, and social aspects in the context of maritime systems, including but not restricted to (offshore/onshore) infrastructures, navigation and shipping, and autonomous systems. The intention of this workshop is to bring together researchers to present new results and ongoing projects as well as to exchange experiences and explore possible collaborations.

Prospective authors are invited to submit an extended abstract (1-2 pages, two column IEEE conference template), which will be reviewed. Accepted authors will then be invited for oral presentation and, optionally, submission of a full paper (4-6 pages). Authors may also initially submit the full paper instead of the abstract. The full paper will undergo a further review process and be published as open access in the workshop proceedings. Authors of high-quality papers will be invited, after the workshop, to submit an extended version of the full paper for publication in the peer reviewed journal **Transactions on Maritime Science (ToMS)**.

TOPICS OF INTEREST

The topics of interest include, but are not limited to:

Maritime security technologies
- Active imaging
- Cyber-security
- Sensors and instruments
- Multi-sensor networks
- Situational awareness
- Technology testing

Data analysis and intelligent systems
- Underwater imaging & computer vision
- Machine learning / artificial intelligence
- Autonomous vehicles and systems
- Digital twins and data infrastructures

Resilience, safety, and security
- Resilience engineering and metrics
- Safety assessment and engineering
- Security assessment and Engineering
- Risk engineering
- Modeling and simulation
- Critical infrastructures

Ethical, legal, and social aspects
- Regulating emerging technologies in the maritime domain
- Human / societal aspects of security
- Ethics in the security domain

IMPORTANT DATES

Abstract submission (**extended**): **March 10, 2025**
Notification of acceptance: **April 14, 2025**
MARESEC presentation: **May 21-22, 2025**
Full technical paper: **June 30, 2025**

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