



# 2023 IEEE INTERNATIONAL WORKSHOP ON Metrology for the Sea

04-06 OCTOBER 2023 Valletta, Malta



 **University of Malta**  
Valletta Campus

## CALL for PAPERS



Since the first edition, **MetroSea** represents an international meeting place in the world of research in the field of metrology for marine environment involving national and international institutions and academia in a discussion on the state-of-the-art concerning issues that require a joint approach by experts of measurement instrumentation and industrial testing, typically professional engineers, and experts in innovation metrology, typically academics.

That is why MetroSea will serve as a forum for presenting recent advances in the field of measurement and instrumentation to be applied for the increasing of our knowledge for protecting and preserving the Sea.

### IMPORTANT DATES

**SPECIAL SESSION PROPOSAL DEADLINE**  
March 15, 2023

**EXTENDED ABSTRACT SUBMISSION DEADLINE**  
May 31, 2023

**ACCEPTANCE NOTIFICATION**  
June 30, 2023

**FULL PAPER SUBMISSION DEADLINE**  
July 31, 2023

### TOPICS

- Electronic instrumentation for the sea
- Automatic test equipment for the sea
- Sensors and sensor sensing systems for sea applications
- Wireless sensor networks for marine applications
- Monitoring systems for the sea
- Measures for Oceanography;
- Metrology for navigation and precise positioning
- Measurements for submarine obstacle detection
- Underwater vehicle for exploration
- Pollution detection for reclamation
- Submarine infrastructure maintenance and reliability
- Signal and image processing
- Metrology and quality assurance for submarine soldering
- Weather forecasting and nowcasting for maritime navigation
- Measures for Marine Biology
- Measures for Coastal and Marine Geology

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### VENUE - MALTA

Malta is currently home to three UNESCO world heritage sites. The old town center of Valletta is one of these sites.

The Maltese republic consists of multiple islands. Malta is the longest one of these islands, with a length of 27 kilometers. The island state is made up of the three inhabited islands of Malta, Gozo and Comino. Comino and Gozo are beautiful islands and worth visiting. You can find the famous Blue Lagoon on Comino. You can find the spot where the "Azure Window" used to stand on Gozo.

### PAPER SUBMISSION

Authors are invited to submit an original extended abstract (4 pages), reporting original research of a theoretical or applied nature. All paper must be written in English according to the guidelines provided on the MetroSea 2023 website:

<https://www.metrosea.org>

All contributions will be peer reviewed on the basis of a full length manuscript and acceptance will be based on quality, originality and relevance. Accepted papers will be published in the Workshop Proceedings and extended versions of presented papers are eligible for post publication.

### SPECIAL SESSIONS

Special sessions will be organized on specific topics, see online at

<http://www.metrosea.org/special-sessions>