



# 2022 IEEE INTERNATIONAL WORKSHOP ON Metrology for the Sea

Metro  
Sea

Milazzo 20  
22



 3-5 OCTOBER 2022



 MILAZZO (MESSINA), ITALY



Università  
degli Studi di  
Messina

## IMPORTANT DATES

**SPECIAL SESSION PROPOSAL DEADLINE**  
March 1, 2022

**EXTENDED ABSTRACT SUBMISSION  
DEADLINE**  
May 31, 2022

**ACCEPTANCE NOTIFICATION**  
July 24, 2022

**FULL PAPER SUBMISSION DEADLINE**  
August 31, 2022

 [info@metrosea.org](mailto:info@metrosea.org)

 [www.metrosea.org](http://www.metrosea.org)

## VENUE - MILAZZO, ITALY

Milazzo is a city in the metropolitan area of Messina, Sicily, Italy. It is an amazing tourist destination and the best starting point for the Aeolian Islands, the Nebrodi and Tindari Park. Ancient greek colony (Mylae), founded by the ancient Messina (Zancle) inhabitants, the cultural heritage of Milazzo is based on the presence of churches, convents, monasteries and noble palaces. The most important monument in the city is the old Castle, it covers an area of over 7 hectares and it can be considered a real citadel.

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.

## 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

## 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 2022 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>

