

IMEKO TC-19 INTERNATIONAL WORKSHOP ON Metrology for the Sea



3-5 OCTOBER 2019

GENOVA, ITALY

CALL FOR PAPERS



MARINA MILITARE

University of Genova,
Department of Economics



UNIVERSITÀ DEGLI STUDI
DI GENOVA

IMPORTANT DATES

SPECIAL SESSION PROPOSAL DEADLINE

March 1, 2019

EXTENDED ABSTRACT SUBMISSION DEADLINE

May 15, 2019

ACCEPTANCE NOTIFICATION

June 30, 2019

FULL PAPER SUBMISSION DEADLINE

September 1, 2019

You are invited to submit papers for the 2019 IMEKO TC-19 International Workshop on Metrology for the Sea to be held in Genova, Italy.

MetroSea aims to gather people who work in developing instrumentation and measurement methods, and their relevant specific applications for all fields of the sea. Attention is paid, but not limited to, new technology for sea environment monitoring, metrology-assisted production in sea industry, ship component measurement, sensors and associated signal conditioning for the sea, and calibration methods for electronic test and measurement for all marine applications.

PAPER SUBMISSION

Authors are invited to submit an original extended abstract (4 pages), reporting original research of a theoretical or applied nature using the MetroSea Open Conference System. The paper should explain the significance of the contribution and contain a list of key references. All paper must be written in English according to the guidelines provided on the MetroSea 2019 website:

<http://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-session>

AWARDS

The best contributions will be awarded, including the Best Student Paper Award, the Best Paper authored and presented by a woman, the Best Poster and the Best Demonstration.

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
- 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, Geology & Geomorphology

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GENOVA

For more than seven centuries the capital of the namesake Republic, Genoa is also known as la Superba, ("the Superb one") and Dominante dei mari ("the Seas Queen") due to its glorious past.

Overlooking the Ligurian Sea, its history is relative to the art of navigation and the trade. Its Porto Antico (old harbor) is the ancient part of the port of Genoa.

LOCAL ARRANGEMENTS

