



IMEKO TC-19 INTERNATIONAL WORKSHOP ON Metrology for the Sea

NAPLES, ITALY 5-7 OCTOBER 2020



CALL FOR PAPERS FOR THE SPECIAL SESSION ON:

IMPROVED GEOMATIC AND SHIP MOTION MEASUREMENTS TO ENHANCE THE SAFETY OF NAVIGATION

ABSTRACT

The safety of ship and navigation, as well as of all sea coastal activities, mainly depends on the accuracy and reliability of the information about the sea state conditions. Measurements are fundamental to effectively support decisions and their quality reduces the decisional risk. In this respect, measurement obtained from onboard GNSS systems, inertial devices or gyroscopes, as well as from SAR or optical images and ground-based devices, could be useful to improve the safety of navigation and coast environments and detect in almost real time the main sea state parameters. The session focuses on recent developments in the field of measurement systems and techniques to deliver more accurate information about the surveyed environment.

ORGANIZED BY



Francesco Crenna

The University of Genova, Italy

✉ francesco.crenna@unige.it



Silvio Del Pizzo

*The University of Naples
"Parthenope", Italy*

✉ silvio.delpizzo@uniparthenope.it



Vincenzo Piscopo


*The University of Naples
"Parthenope", Italy*

✉ vincenzo.piscopo@uniparthenope.it

SPECIAL SESSION #6

 www.metrosea.org/special-session-6

✉ info@metrosea.org

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