

**2021 IEEE INTERNATIONAL WORKSHOP ON**

# Metrology for AeroSpace

**MetroAeroSpace2021****23-25 JUNE  
2021****NAPLES, ITALY**[www.metroaerospace.org](http://www.metroaerospace.org)**»»»» CALL For  
PAPERS ««««**UNIVERSITÀ DEGLI STUDI DI NAPOLI  
**FEDERICO II**UNIVERSITÀ DEGLI STUDI  
DEL  
SANNIO  
Benevento

Since the first edition, **MetroAeroSpace** represents an international meeting place in the world of research in the field of metrology for aerospace 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.

This **8<sup>th</sup> edition** will keep pursuing the state of the art and practice started over the past years. Attention is paid, but not limited to, new technology for metrology-assisted production in aerospace industry, aircraft component measurement, sensors and associated signal conditioning for aerospace, and calibration methods for electronic test and measurement for aerospace.

**WORKSHOP TOPICS**

The main topics include, but are not limited to:

- Electronic instrumentation for aerospace
- Automatic test equipment for aerospace
- Sensors and sensor systems for aerospace
- Wireless sensor networks in aerospace
- Attitude - and heading - reference systems
- Monitoring systems in aerospace
- Metrology for navigation and precise positioning
- Sensors and Data Fusion Techniques

**PAPERS SUBMISSION**

Paper submission will be handled electronically, through the submission page set up on the conference web page:

<http://www.metroaerospace.org>

Prospective authors must electronically submit an Extended Abstract (4 pages, including figures). All papers will receive peer-review; authors will receive timely notification of paper acceptance. If accepted, final papers must be no more than 6 pages

**IMPORTANT DATES**

- Special Session Proposal** - December 20, 2020
- Extended Abstract Submission** - January 30, 2021
- Acceptance Notification** - March 10, 2021
- Final Paper Submission** - April 30, 2021

**CONTACTS**

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## SPECIAL SESSIONS

**MetroAeroSpace 2021** Program Committee solicits proposals for special sessions within the technical scopes of the Workshop.

Special sessions have the main aim of creating a mini-workshop on a specific topic, where researchers working on the same argument can make knowledge, familiarize, exchange ideas, create cooperation.

Researchers interested in organizing special sessions are invited to submit a proposal through the form available at the following URL

[www.metroaerospace.org/special-session-proposal](http://www.metroaerospace.org/special-session-proposal)

Proposals should include the session title, a brief description of the scope and motivation, related topics, biographic and contact information of the organizers.

## LIVE DEMONSTRATIONS

The **IEEE MetroAeroSpace 2021** Workshop will have "**Live Demonstration**" track to allow an interactive and tangible form of presentation, which is quite different from the oral and poster sessions.

The demonstrations will be conducted in presentation booths and ample space will be provided to set up a working system, may it be interactive software on a laptop or a hardware setup. Conference delegates are invited to experience the demonstrations directly, to interact with, play with, and challenge them. Presenters will have the opportunity to show direct proof of their working systems and to create a lasting impression. Prospective demonstrations could be either be related to the work that has already been published or the one going to be published during the IEEE MetroAeroSpace 2021 Workshop.

## NAPLES

Naples is located halfway between two volcanic areas, the volcano Mount Vesuvius and the Phlegraean Fields. The city is noted for its rich history, art, culture and gastronomy and, in the modern day, the historic centre of the city is listed by UNESCO as a World Heritage Site. The metropolitan area of Naples is the second most populated in Italy and one of the largest in all of Europe with around 3.8 million people.

The whole history of Naples is based on the concept of welcoming foreigners and of different cultures living side by side. The city's enviable geographical position half-way down the Italian coast makes it easy to reach from anywhere in the world.



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

#MetroAeroSpace2021