



2020 IEEE INTERNATIONAL WORKSHOP ON

# Metrology for Aerospace

PISA, ITALY / 22-24 JUNE, 2020



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

## CALL For PAPERS



UNIVERSITÀ DI PISA



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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 **7<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.

### 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 1, 2019
- Extended Abstract Submission - January 31, 2020
- Acceptance Notification - March 30, 2020
- Final Paper Submission - April 30, 2020

## CONTACTS

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- Website: [www.metroaerospace.org](http://www.metroaerospace.org)
- Facebook: [www.facebook.com/MetroAeroSpace](http://www.facebook.com/MetroAeroSpace)



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## LOCAL ARRANGEMENTS



## SPECIAL SESSIONS

**MetroAeroSpace 2020** 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 DEMONSTRATION

The **IEEE MetroAeroSpace 2020** 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 2020 Workshop.

## PISA

The city of Pisa rises above the banks of Arno, just before the mouth of the river at Marina of Pisa. It is one of the most important cities in Tuscany and it is extremely well-known in the world, because of its famous symbol: "*the Leaning Tower*".

Pisa is both an ancient and modern city. On the one hand, it is proud of its past, when it was a Maritime Republic and became a world power during the Middle Ages. On the other hand, now is famous for having three of the most important universities in Italy: The Scuola Normale Superiore, the Sant' Anna school of Advanced Studies and the University of Pisa.



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