

**2021 IEEE INTERNATIONAL WORKSHOP ON**

Metrology for AeroSpace

MetroAeroSpace2021**23-25 JUNE
2021**www.metroaerospace.org**VIRTUAL CONFERENCE****»»»» CALL For
PAPERS ««««**UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO IIUNIVERSITÀ 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 **8th 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 - April 12, 2021

Acceptance Notification - April 30, 2021

Final Paper Submission - May 31, 2021

CONTACTS

Email: info@metroaerospace.org

Website: www.metroaerospace.org

Facebook: www.facebook.com/MetroAeroSpace



ORGANIZING COMMITTEE MEMBERS

HONORARY CHAIR

Marina Ruggieri, *University of Rome "Tor Vergata", Italy*

GENERAL CHAIRS

Domenico Accardo, *University of Naples Federico II, Italy*
Leopoldo Angrisani, *University of Naples Federico II, Italy*
Pasquale Daponte, *University of Sannio, Italy*
Robert Rassa, *Raytheon, US*

TECHNICAL PROGRAM CO-CHAIRS

Stephen Dyer, *Kansas State University, US*
Mauro D'Arco, *University of Naples Federico II, Italy*
Giancarmine Fasano, *University of Naples Federico II, Italy*

PUBLICATION CHAIRS

Giancarlo Rufino, *University of Naples Federico II, Italy*
Rosario Schiano Lo Moriello, *University of Naples Federico II*

SPECIAL SESSION CHAIR

Marco Pertile, *University of Padova, Italy*

TREASURY CHAIR

Cosimo Stallo, *University of Rome "Tor Vergata", Italy*

INTERNATIONAL PROGRAM COMMITTEE

Domenico Acierno, *University of Naples, Italy*
Carlo Albanese, *Telespazio, Italy*
Giovanni Betta, *University of Cassino, Italy*
Erik P. Blasch, *US Air Force Research Lab, US*
Paolo Carbone, *University of Perugia, Italy*
Luigi Carrino, *DAC, Italy*
Goutam Chattopadhyay, *NASA, US*
Xiyuan Chen, *Southeast University, China*
Lorenzo Ciani, *University of Florence, Italy*
Marcello Coradini, *ASI/JPL*
Walter Cugno, *Thales Alenia Space*
Stefano Debei, *University of Padova, Italy*
Murat Efe, *Ankara University, Turkey*
Pietro Ferraro, *ISASI-CNR, Italy*
Jesus Garcia, *University Carlos III, Spain*
Domenico Giunta, *ESA - ESTEC, Netherlands*
Maria S. Greco, *University of Pisa, Italy*
Richard Hochberg, *Lanmark, Technologies, US*
Satoshi Ikezawa, *Waseda University, Japan*
Stephen Johnson, *ARAMIS Engineering, US*
Jerzy Józwiak, *Lublin University of Technology, Pol*
Marian K Kazimierczuk, *Wright State University, US*
Karel Kudela, *Institute for Experimental Physics*
Fabio Leccese, *University of Roma Tre, Italy*
Chin E. Lin, *National Cheng Kung University, Taiwan*

Andrzej Lukaszewicz, *Lublin University of Technology*
Walter Matta, *Vitrociset, Italy*
Dariusz Mika, *The State School of Higher Education in Chelm, Poland*
Daniele Mortari, *Texas A&M University, US*
Aldo Napoli, *Centre de recherche sur les Risques*
Pavel Paces, *Czech Technical University, Czech*
Jaroslaw Pytka, *Lublin University of Technology*
William Prosser, *NASA, US*
Jacek Pieniżek, *Rzeszow University of Technology*
Marco Pisani, *INRIM, Italy*
Antonio J. Plaza, *University of Extremadura, Spain*
Vasily Popovich, *Russian Academy of Science*
Helena G. Ramos, *Universidade de Lisboa, Portugal*
Artur L. Ribeiro, *Universidade de Lisboa, Portugal*
Roberto Sabatini, *RMIT University, Australia*
Zbigniew Siemiatkowski, *Kazimierz Pulaski Univ. of Technology and Humanities in Radom, Poland*
Nicolas Sklavos, *University of Patras, Greece*
Patrizia Tavella, *BIPM, Italy*
Fabrizio Francesco Vinaccia, *MDBA Italia, Italy*
Graham Wild, *RMIT University, Australia*
Ruqiang Yan, *P.R. China*
Ho-Soon Yang, *KRISS, Republic of Korea*
Mark Yeary, *University of Oklahoma, US*
David Zucconi, *SAB Aerospace, Italy*



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

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.

VIRTUAL CONFERENCE

The safety and well-being of all conference participants is our priority. Please know that our thoughts are with those affected by the COVID-19 outbreak.

In response to conditions caused by COVID-19, **IEEE MetroAeroSpace 2021**, scheduled to be held in Naples, Italy on June 23-25, 2021 **will now be held virtually**. This offers a wider range of participation for authors, speakers, and exhibitors to present their research and products around the world.

The online platform will be a virtual environment where the attendees can present the paper and can participate in all sessions and activities. Registration and exhibitor fees have been reduced. Take advantage of the reduced rates while they are available!



www.metroaerospace.org

#MetroAeroSpace2021