

The International Workshop on Integrated Nonlinear Microwave and Millimetre-wave Circuits

Politecnico di Torino – Italy

www.inmmic.org



CONFERENCE COMMITTEE

Conference Chair:

Marco Pirola (Politecnico di Torino, Italy)

Conference Co-Chair:

Vittorio Camarchia (Politecnico di Torino, Italy)

Organizing Committee

Chiara Ramella (Politecnico di Torino, Italy)

Anna Piacibello (Politecnico di Torino, Italy)

Technical Program Committee

Holger Arthaber (Vienna Univ. of Tech., Austria)

Adalbert Beyer (Univ. Duisburg, Germany)

Wolfgang Bösch (Graz Univ. of Tech., Austria)

Vittorio Camarchia (Politecnico di Torino, Italy)

Paolo Colantonio (Univ. Roma Tor Vergata, Italy)

Giovanni Crupi (Univ. Messina, Italy)

Christian Fager (Chalmers, Sweden)

Christophe Gaquiere (IEMN, France)

José Ángel García (Univ. Cantabria, Spain)

Franco Giannini (Univ. Roma Tor Vergata, Italy)

Ernesto Limiti (Univ. Roma Tor Vergata, Italy)

Stephen Maas (Nonlinear Technologies, Inc., USA)

Teresa M. Martín-Guerrero (Univ. Malaga, Spain)

Sébastien Mons (XLIM - Limoges, France)

Luis Cotimos Nunes (Univ. Aveiro, Portugal)

José Carlos Pedro (Univ. Aveiro, Portugal)

Marco Pirola (Politecnico di Torino, Italy)

Roberto Quaglia (Cardiff University, United Kingdom)

Ruediger Quay (Fraunhofer, Germany)

Antonio Raffo (Univ. Ferrara, Italy)

Yves Rolain (Vrije Universiteit Brussel, Belgium)

Dominique Schreurs (KU Leuven, Belgium)

Paul Tasker (Cardiff University, UK)

Anding Zhu (Univ. College Dublin, Ireland)

Contact:

Web: www.inmmic.org

Email: office@inmmic.org

IMPORTANT DATES

Abstract Submission Deadline:

December 20th, 2024

Notification of Acceptance:

February 1st, 2025

Final Manuscript Due:

March 3rd, 2025

Conference Date:

April 10th – 11th, 2025

SCOPE

The International Workshop on Integrated Nonlinear Microwave and Millimetre-wave Circuits (INMMiC) is a forum for promoting, discussing and spreading ideas in the fields of nonlinear RF devices, circuits and systems. INMMiC was originally launched in Duisburg, in 1990, and it assumed the present form in Rome, in 2004. Subsequently, INMMiC has been held at different venues around Europe: 2006 in Aveiro, 2008 in Málaga, 2010 in Göteborg, 2011 in Vienna, 2012 in Dublin, 2014 in Leuven, 2015 in Taormina, 2017 in Graz, 2018 in Brive-La-Gaillarde, 2022 in Cardiff, UK and 2023 in Aveiro, Portugal.

INMMiC 2025 will be held in Torino, Italy, on April 10th - 11th, 2025. INMMiC 2025 will feature a two-day archival series of oral and poster presentations with distinguished invited talks. An industrial exhibit featuring a selection of state-of-the-art microwave products, measurement instruments and CAD software will also be held. The participation of young researchers and postgraduate students is strongly encouraged. **A Best Student Paper Award will be supported by the GAAS Association and a number of travel grants for young participants of accepted contributions will be available.**

TOPICS

- Nonlinear Measurement Techniques
- Nonlinear Modelling and Simulation Methods
- Linearization Techniques
- Power Amplifier Efficiency Enhancement Techniques
- Noise Characterization and Modelling
- Semiconductor Device Technologies and Modelling
- Nonlinearities at Terahertz
- Machine Learning Aided Design Methodologies
- Microwave metrology beyond nonlinear devices and circuits (presented in a **dedicated special session**)

SUBMISSION

Prospective authors are invited to submit a three-page (including figures) paper in PDF format before the Abstract Submission Deadline. All papers must be submitted electronically on the conference website. All submissions will be peer-reviewed. Authors of accepted contributions should provide a final version (three pages) of their paper before the Final Manuscript Submission Deadline. Accepted papers will be submitted for inclusion into IEEE Xplore, provided they have been presented during the conference. Authors of accepted papers will be given the opportunity to submit an **extended version to be considered for publication in IEEE Transactions on Microwave Theory and Techniques**. For further details, visit the INMMiC 2025 website at www.inmmic.org.



Politecnico di Torino



IEEE



MTT-S
MHz To THz Community



EuMA