

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

Universidade de Aveiro – Portugal

www.inmmic.org



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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, and 2022 in Cardiff, UK. INMMiC 2023 will be held at the Aveiro University, Portugal, on November 8th - 10th, 2023.

INMMiC 2023 will feature a three-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
Machine Learning Aided Design Methodologies
Linearization Techniques
Power Amplifier Efficiency Enhancement Techniques
Noise Characterization and Modelling
Semiconductor Device Technologies and Modelling
Nonlinearities at Terahertz Frequencies
Nonlinearities in Emerging Technologies
Nonlinear Circuits for Wireless Power Transmission

IMPORTANT DATES

Abstract Submission Deadline:

May 29th, 2023

Notification of Acceptance:

July 26th, 2023

Final Manuscript Due:

September 4th, 2023

Conference Date:

November 8th – 10th, 2023

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 2023 website at www.inmmic.org.

