

International Workshop on
**INTEGRATED NONLINEAR MICROWAVE
AND MILLIMETRE-WAVE CIRCUITS**

Brive-La-Gaillarde, France
INMMiC
5 - 6 July 2018



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Nonlinear device and circuit modelling
Nonlinear measurement techniques
Noise characterisation and modelling
Nonlinear simulation methods
Optimum design methodologies

Linearisation techniques



TOPICS

Power amplifier efficiency enhancement techniques
Circuits for emerging transceiver architectures
Nonlinearities at terahertz frequencies
Nonlinearities in emerging technologies

Abstract submission deadline
March 31th, 2018

Notification of acceptance
May 13th, 2018

Final Manuscript Due
June 3rd, 2018

Conference Date
July 5th - 6th, 2018

SCOPE

The International Workshop on Integrated Nonlinear Microwave and Millimetre-wave Circuits (INMMiC) is a forum for promoting, discussing and spreading ideas in the field of nonlinear microwave and millimetre-wave circuits and systems. INMMiC was originally launched in Duisburg, Germany, in 1990, and it achieved the present form in Rome, Italy, in 2004. Subsequently INMMiC has been held at different venues around Europe: 2006 in Aveiro, Portugal, 2008 in Málaga, Spain, 2010 in Göteborg, Sweden, 2011 in Vienna, Austria, 2012 in Dublin, Ireland, 2014 in Leuven, Belgium, 2015 in Taormina, Italy, and 2017 in Graz, Austria. INMMiC 2018 will be held in Brive-La-Gaillarde, France, on July 5th - 6th, 2018.

INMMiC will feature a two-day archival series of oral and poster presentations with distinguished invited talks. Additionally a special session on integrated RF and mm-wave circuit design will be held.

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.

SUBMISSIONS

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. The final version of the paper will be published in the conference proceedings, and will be submitted as well to IEEE Xplore, provided it has 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**.



CONFERENCE COMMITTEE

Conference Chair :
Sebastien MONS, *Univ. Limoges, France*

Conference Co-Chair :
Jean-christophe Nallatamby, *Univ. of Limoges, France*

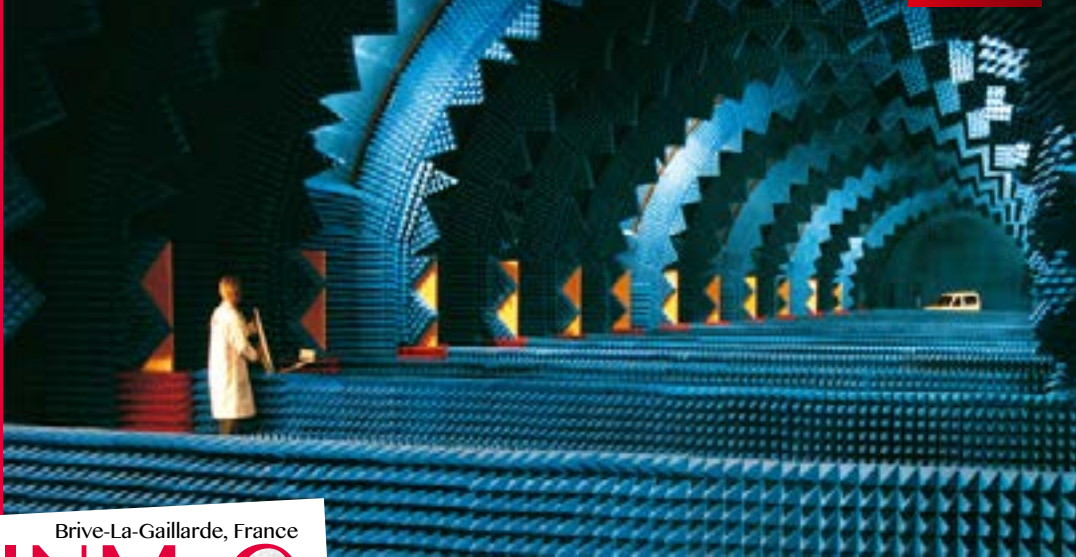
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www.inmmic.org

Wednesday 4th July, 11:00 am – 5:00 pm
 Free visit of the Atomic Energy Centre (CEA) GRAMAT



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INM_{Mi}C
 5 - 6 July 2018

www.cea.fr

Saturday 7th July, 7:30 am – 6:00 pm
 Excursion to the cave of Lascaux IV



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INM_{Mi}C
 5 - 6 July 2018

www.lascaux.fr

Thursday 5th July, 8:00 pm
 Gala Dinner – Castel Novel



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INM_{Mi}C
 5 - 6 July 2018

www.castelnovel.com

