

First International Workshop on Metamaterials-by-Design

*Theory, Methods, and Applications to
Communications and Sensing*

Paris Saclay, France, December 3-4 2015

Steering Committee

Prof. Andrea Massa,
Digiteo Chair @ L2S, France
Prof. Aziz Benlarbi-Delai
University of Pierre and Marie Curie, France
Dr. Jean Chazelas
Thales Group, France
Prof. André de Lustrac
Université Paris Sud, France
Dr. Ennio Giaccari
Finmeccanica S.p.A., Italy
Prof. Alain Sibille
Télécom Paris Tech, France
Prof. Alessandro Toscano
University of Roma "Tre", Italy
Dr. Mauro Varasi
Finmeccanica S.p.A., Italy

Attending the Event

Date

9:00 Thursday 3 December
18:00 Friday 4 December

Venue

Centrale-Supélec, Plateau de Moulon, 3 rue Joliot-Curie, 91192 Gif-sur-Yvette, France

Registration

Regular: 110 €
Student: 50 €

Participants are encouraged to register as early as possible as the number of available seats is limited

Visit www.2015-metamaterials-workshop.eu for registration, submission, and program details

The first **International Workshop on Metamaterials-by-Design: Theory, Methods, and Applications to Communications and Sensing** (www.2015-metamaterials-workshop.eu) will be aimed at presenting a comprehensive overview of the latest advances and emerging trends in the theory, methods, and the Communications and Sensing applications of the Material-by-Design paradigm, and it will highlight the current status and the envisaged frontiers in this research area.

The topics of main interest will include, but will not be limited to, task-oriented materials and wave manipulation devices, reconfigurable and tunable metamaterials at microwave, THz, and optical frequencies, homogenization of metamaterials and effective medium models, three-dimensional metamaterials, planar metamaterials and meta-surfaces, active metamaterials, quantum metamaterials, antenna applications of metamaterials, metamaterials for nanoelectronics and nanophotonics and metatronics, metamaterials for sensing, biological and biomedical applications of metamaterials, novel metamaterial concepts, experimental techniques and characterization of metamaterials, and their applications to current and future Communication and Sensing systems.

The Workshop will comprise **Keynote Presentations from distinguished experts** from international top institutions as well as **peer-reviewed contributions**. Additionally, round tables will be organized at the end of each day to stimulate the open discussion among the presenters and the attendees.

Submission Guidelines

Papers should be 1 to 2 pages long and contain an abstract and a main body where technical content and novelty of the work are clearly presented.

Papers should be submitted as camera-ready PDF files at the following web page
<https://easychair.org/conferences/?conf=iwmbd2015>

Authors are requested to use the template available at the conference website.

Deadlines

Paper Submission	Oct. 18, 2015
Notification	Nov. 1, 2015
Registration	Nov. 20, 2015

Special Issue on EPI-Applied Metamaterials

Selected papers accepted and presented at the Workshop will be offered the possibility to be extended and published on a **dedicated Special Issue of the EPI Applied Metamaterials** (<http://epjam.edp-open.org>)

Please visit the instruction for authors at the page <http://epjam.edp-open.org/author-information/instructions-for-authors> for detailed information on templates, paper length, and submission modalities.

For additional information, please contact

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