



Call for Papers & Special Sessions

Following the highly successful conferences **META'08** in Marrakesh (Morocco) and **META'10** in Cairo (Egypt), **META'12** will be held on April 16-19, 2012, in Paris, France.

META'12 will cover the entire scope of Electromagnetic & Nanophotonic Complex Materials, including metamaterials, photonic crystals and plasmonics. Special attention will be given to applications of these materials in optical communication systems, antennas, high-speed circuits, optical sensing, nanoscale imaging, cloaking, biology...

META'12 topics include, but are not limited to:

- Metamaterials and negative index materials
- Graphene metamaterials
- Acoustic metamaterials
- Biophotonic materials
- Plasmonics and nanophotonics
- Photonic crystals
- Chiral and bianisotropic materials
- Structured and disordered media
- Transformational electromagnetics
- Extraordinary transmission
- Frequency selective structures and high impedance surfaces
- Near-field optics and nano-optics
- Analytical and numerical modelling of complex materials
- Experimental characterization techniques
- Technologies and applications: micro and nanofabrication, active plasmonic components, cloaking, absorption, plasmonics for health, antennas, nanoantennas, nanoscale imaging, superlensing, hyperlensing, optical sensing, optical data storage...

Conference dates:

- 5 December 2011: Deadline for submission of abstracts
 - 16 December 2011: Notification of acceptance
 - 28 February 2012: Deadline for submission of final manuscript
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Website: <http://meta12.metaconferences.org>

Contact: Prof. Said Zouhdi, META'12 general chair
E-mail: said.zouhdi@supelec.fr