IEEE COMCAS 2013

The International IEEE Conference on Microwaves, Communications, Antennas and Electronic Systems

David Intercontinental Hotel, Tel Aviv, Israel, October 21-23, 2013

Call for Papers

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ORTRA
Meeting Point

Ortra Ltd.
1 Nirim Street, P. O. Box 9352
Tel-Aviv 61092, Israel
Tel: +972-3-6384444
Fax: +972-3-6384455
Email: comcas@ortra.com

IEEE COMCAS 2013 continues the tradition of providing a multidisciplinary forum for the exchange of ideas, research results, and industry experience in the areas of microwaves, communications, antennas, solid state circuits, electromagnetic compatibility, electron devices, radar and electronic systems engineering. It includes a technical program, industry exhibits, and invited talks by international experts in key topical areas.

The conference will take place on October 21-23, 2013 in Tel Aviv, Israel.
The David Intercontinental Hotel on the Mediterranean Sea offers an excellent venue for networking and the candid exchange of ideas.

Papers are solicited in a wide range of topics including:

- Aeronautical and space applications and challenges
- Analog/digital RF circuits and systems
- Antennas (components, modeling, micro & macro scale)
- Automotive and transportation radar and communications
- Biomedical applications (body area systems, scanning devices, telemedicine)
- CAD techniques for microwave and communications devices
- Circuit theory, modeling and applications
- Cognitive radio and spectral sharing technologies
- Electromagnetic compatibility
- Fifth generation mobile communication
- Filters and Multiplexers
- First responder and military communication, sensing and information retrieval systems
- Environmentally sensitive design ("green" communications, electromagnetic, and antenna systems)
- MEMS modeling, devices and applications
- Microcell, picocell and femtocell devices, systems and applications
- Microwave and millimeter wave circuits and technologies
- Microwave imaging and tomography
- MIMO (multiple antenna systems for communications and radar)
- Modulation and signal processing technologies
- Nanotechnologies and applications
- Optical/wireless convergence and integration; radio over fiber
- Radar signal processing
- Radar techniques, systems and applications
- RFID devices, technologies, systems and applications
- RF power amplifiers and devices
- Sensor networks and technologies
- Software-defined radio and multiple air interface devices
- Solid-state devices, RFICs
- Spatial coding
- Terahertz technologies and systems

Regular oral presentations will be 20 min. in length; there will also be Poster sessions.
All submitted papers will be peer reviewed and assessed on key accomplishments, technical contribution, and advancement of the state-of-the-art, originality and interest to the attendees. Accepted papers will be published in the COMCAS2013 Proceedings which will be submitted for publication in IEEE Xplore® after the conference.

Submission of papers:
English-language manuscripts, no longer than five pages including figures and references, must be submitted using the IEEE MS Word template available at
http://www.ieee.org/conferences_events/conferences/publishing/templates.html
See author instructions at www.comcas.org

Important deadlines:
Submission of manuscript:	May 5, 2013
Notification of acceptance/rejection:	July 1, 2013
Submission of final camera-ready paper:	August 1, 2013
Early bird (lower cost) registration:	August 30, 2013

Technical Exhibition:
The technical program will be complemented with a technical exhibition, which will be held on October 21-22, 2013 offering companies and agencies a unique opportunity to visit Israel and present related products and services in display and printed advertisement.
For further details please contact the Conference Secretariat.

Technical Co-Sponsors: