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# Call for Papers

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 available through 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](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)

See author instructions at [www.comcas.org](http://www.comcas.org)

### Important deadlines:

Submission of manuscript:

April 1, 2013

Notification of acceptance/rejection:

June 1, 2013

Submission of final camera-ready paper:

August 1, 2013

Early bird (lower cost) registration:

August 15, 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:

