

# **Workshop on Antenna Technology:**

## **Antennas, Structures and Materials, and Applications**

### **Island of Crete in Greece, August 6-8, 2008**

The Workshop on Antenna Technology will be held on August 6-8, 2008 in the Island of Crete in Greece. The Workshop is organized in conjunction with the IWCMC 2008 yearly Conference. It will be technically supported by ACM and IEEE ComSoc.

The Antenna Technology Workshop provides an international forum for reporting progress and recent advances in antenna technology. The Workshop focus will be on antenna design for the rising wireless communication systems, miniature and broad/multiple-band antennas, and the applications of innovative materials to antenna design. Topics of interest include, but are not restricted to the following areas:

#### **Antennas:**

- Miniaturization of antennas
- Embedded antennas
- MEMS/Nano technology for antennas
- Reconfigurable antennas
- Millimeter wave antenna
- Broad/Multi-band antennas
- Antenna arrays

#### **Structures and Materials:**

- Electromagnetic band-gap (EBG)
- Photonic band-gap (PBG)
- Left-handed materials (LHS)
- Frequency selective surfaces (FSS)
- Smart materials
- Fractal structures

#### **Applications:**

- Existing and emerging mobile wireless systems
- Bluetooth/WLAN
- WiMAX
- RFID/Sensors
- MIMO systems
- UWB systems
- Radar systems
- GPS systems
- Medical applications

#### **Paper Submission:**

You are invited to submit original and unpublished research papers on the above and other topics related to Antenna Technology. Please follow the submission guidelines described in the IWCMC 2008 website:

<http://dropzone.tamu.edu/~xizhang/IWCMC2008/IWCMC08.html>

Submit your full manuscript, not to exceed 6 double-column IEEE formatted pages, and include up to 6 keywords and an abstract of no more than 350 words. Each paper will receive a minimum of three reviews. At least one of the authors of each accepted paper will have to register and attend the IWCMC

2008 Conference for presenting the paper at the Workshop. Paper submissions will be through a web portal that will be announced at the IWCMC 2008 website.

If you have any questions about paper submission or the special session, please contact the organizer:  
[kabalan@aub.edu.lb](mailto:kabalan@aub.edu.lb)

**Important Dates:**

As specified by the IWCMC 2008 Conference:

**Full Paper Submission Deadline**

February 25, 2008

**Notification of Acceptance:**

April 30, 2008

**Camera-Ready Paper and Registration Due:**

June 8, 2008

**Workshop Organizer:**

***Karim Y. Kabalan, Professor and Chairman***

Department of Electrical and Computer Engineering

American University of Beirut

Bliss St.

Beirut 1107 2020

Lebanon

TEL: +961 (0) 1 374 444 Extension 3520/3521

FAX: +961 (0) 1 744 462

Email: [kabalan@aub.edu.lb](mailto:kabalan@aub.edu.lb)