

**The 2009 International Conference on High Performance Computing & Simulation  
(HPCS 2009)**

In conjunction with The International Wireless Communications and Mobile Computing  
Conference (IWCMC 2009)

**June 21-24, 2009**

**Leipzig, Germany**

<http://cisedu.us/cis/hpcs/09/main/callForPapers.jsp>

## **CALL FOR PAPERS**

### **Special Session on Advances in Computational Methods in Electromagnetics**

**Submission Deadline: February 27, 2009**

#### **SCOPE AND OBJECTIVES**

The special session on Advances in Computational Methods in Electromagnetics provides an international forum for reporting progress and recent advances in computational techniques and simulation tools used in electromagnetics and antenna design.

Topics of interest include, but are not restricted to the following areas:

- Numerical Methods (MoM, FDTD, FEM, TLM, etc.)
- Fast and Efficient Methods
- Hybrid Methods
- Optimization Techniques
- Modeling of Complex Mediums
- Modeling of Electrically-large Structures
- EM Simulation Tools
- High-performance Computing in EM
- Parallel Computing in EM
- GPU Computing
- Printed Antennas
- Multi-band and wide-band Antennas
- Antenna Arrays and Smart Antennas
- Aperture Antennas
- Millimeter-wave and Terahertz Antennas
- RF and Microwave Circuits

## **PAPER SUBMISSION**

You are invited to submit original and unpublished research papers on the above and other topics related to computational methods in Electromagnetics and Antenna Technology. Please submit a PDF copy of your full manuscript, not to exceed 7 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 HPCS'09 conference for presenting the paper at the session. Accepted papers will be published in the conference proceedings. Papers should be submitted as email attachments to: [kabalan@aub.edu.lb](mailto:kabalan@aub.edu.lb). Your submission will be acknowledged within 48 hours. If accepted, final papers will follow the format that HPCS follows which will be posted on the web site. For final camera-ready manuscript, please follow the submission guidelines described in the HPCS 2009 website: <http://cisedu.us/cis/hpcs/09/main/callForPapers.jsp>.

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

## **IMPORTANT DATES:**

**Full Paper Submission Deadline**  
**Notification of Acceptance:**  
**Camera-Ready Paper and Registration Due:**

**February 27, 2009**  
**March 30, 2009**  
**April 24, 2009**

## **SESSION 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)

## **PROGRAM COMMITTEE**

All submitted papers will be rigorously reviewed by the session international program committee members.

Prof. Haitham Akkary, American University of Beirut, Lebanon  
Prof. Christos Christodoulou, University of New Mexico, Albuquerque, USA  
Prof. Ali El-Hajj, American University of Beirut, Lebanon  
Prof. Shahwan Khoury, Notre dame University, Lebanon

Dr. Mazen Saghir, University of Texas at Austin, Qatar  
(Preliminary List)

If you have any questions about conference paper submission, please contact conference Program Chair: Waleed W. Smari, Department of Electrical and Computer Engineering, University of Dayton, 300 College Park, Dayton, OH 45469-0226, USA, Voice: (937) 229-2795, Fax: (937) 229-4529, Email: [Waleed.Smari@notes.udayton.edu](mailto:Waleed.Smari@notes.udayton.edu). For information about the HPCS conference in general, please contact the General Chairs or consult the conference web site at <http://cisedu.us/cis/hpcs/09/main/callForPapers.jsp>.