



IEEE co-sponsored

20th Anniversary



<http://wacong.org>

IFMIP - WAC 2006
July 24-27, 2006
Budapest Hilton
Budapest, HUNGARY

Call for Papers: Special Sessions on

Information Security and Hardware Implementations

This special session is within the Multimedia and Image Processing Track (5th International Forum on Multimedia and Image Processing, IFMIP 2006). The IFMIP is going to take place in the World Automation Congress.

The scope of this special session is on all views of communication security, and cryptography implementations. The call is addressed to scientists and engineers, who design, develop, and implement information security and cryptography subsystems. We encourage scientists and engineers from both academic and industrial environments to submit their works in order to enhance the knowledge, expertise, and experience of the whole community in information security, cryptography and hardware implementations. The subject areas include, but are not limited to, the following:

- Security for mobile devices and 3G applications
 - Reconfigurable processors in cryptography
 - Smart cards security
 - Computer architectures for public-key and secret-key cryptosystems
 - Crypto-Processors for wireless networks
 - Cryptography for pervasive computing (e.g., RFID, Bluetooth, etc.)
 - True and pseudo random number generators
 - Identification and authentication
 - New encryption algorithms
 - Cryptography and cryptanalysis
 - Case studies, surveys
 - Architectural optimizations of security schemes and ciphers for wireless communications
 - Modular and Galois field arithmetic architectures for security applications
-

Submitted manuscripts should not be considered for publication by other journals or conferences, which have proceedings. Papers, which have appeared previously in proceedings of conferences, could be submitted to this special issue if they are substantially revised or improved from their earlier versions, due to copyright issues. Submissions (from 4 to 6 pages) must be sent via email to guest editor: Dr. Paris Kitsos, email: pkitsos@ee.upatras.gr.

AutoSoft Journal – Successful; papers at WAC 2006 on these sessions will be reviewed for a Special Issue of AutoSoft Journal – Official Archival Journal of WAC 2006. The session organizer will act as Guest Editor on this.

IMPORTANT DATES

Submission Deadline:.....January 20, 2006

Acceptance Notification:.....March 15, 2006

Manuscript Due:.....April 15, 2006

Early Registration:.....May 10, 2006

Congress Dates:.....July 24-27, 2006

Special Sessions organizer:

Dr. Paris Kitsos

Dept. of Electrical & Computer Engineering
University of Patras, Greece
Email: pkitsos@ee.upatras.gr

Dr. Nicolas Sklavos

Dept. of Electrical & Computer Engineering
University of Patras, Greece
Email: nsklavos@ee.upatras.gr

Important Notice: The detailed information of registration fee and submission guideline is opened very soon at the congress page (<http://wacong.org/wac2006/index.html>)