

ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering Tome IV (Year 2011). ISSN 2067-3809



# INTERNATIONAL CONFERENCE ON COMMUNICATIONS, COMPUTING AND CONTROL APPLICATIONS

IEEE-2011 March 3-5, 2011, Hammamet, TUNISIA

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# **OVERVIEW**

The 2011 International Conference on Communications, Computing and Control Applications (CCCA'11) will be held March 3-5, 2011 at Hammamet, Tunisia.

CCCA'11 will take place in Hammamet (Tunisia), a beautiful city of jasmine, orange trees, and bougainvilleas. Hammamet is also known for its fine sand beaches and its hydrotherapy centres.

CCCA'11 is intended to serve as a major international forum for the exchange of ideas. It is intended to provide a platform for effective interaction between pioneers and researchers in the relevant area to share their innovative and creative views and to present their original contributions. Its purpose is to be a forum for technical exchange amongst scientists having interests in Communications/Information Technology, Computer Science and Control.

The goal of this scientific conference is to propose both theoretical as well as / or methodological papers, but to present practical cases where they are efficiently used.

The technical program will include plenary lectures, regular technical sessions, and special sessions covering the three major tracks. A copy will be provided to attendees on CD-ROM. Please note that at least one full paying author of each accepted paper must register for the Symposium before the indicated deadline.

### CALL FOR PAPERS

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# **IMPORTANT TERMS**

Deadline for submission of camera-ready paper: JANUARY 14, 2011 Deadline for author registration: JANUARY 14, 2011

# MAIN TOPICS

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

ADAPTIVE CONTROL, AUTOMATED GUIDED VEHICLES, BOND GRAPH METHODOLOGY, CONTROL APPLICATIONS, CONTROL EDUCATION, COOPERATIVE CONTROL SYSTEMS, DECISION THEORY, DIGITAL CONTROL, DISCRETE EVENT SYSTEMS, EMBEDDED SYSTEMS, ESTIMATION AND IDENTIFICATION, FACTORY MODELING AND AUTOMATION, FAULT DETECTION, FLEXIBLE MANUFACTURING SYSTEMS, FUZZY SYSTEMS, INTEGRATED MANUFACTURING, INTELLIGENT AND AI BASED CONTROL, INTERFACES AND HUMAN COMPUTER INTERACTION, LEARNING SYSTEMS, LINEAR SYSTEMS, MAN-MACHINE INTERACTIONS,



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MANUFACTURING SYSTEMS, MICRO AND NANO SYSTEMS, MODELING OF COMPLEX SYSTEMS, MONITORING AND SUPERVISION, MOTION CONTROL, MULTI-AGENT SYSTEMS, NEURAL NETWORK, NONLINEAR SYSTEMS AND CONTROL, OPTIMAL CONTROL, OPTIMIZATION, PETRI-NETS AND APPLICATIONS, PROCESS AUTOMATION, PROCESS CONTROL & INSTRUMENTATION, REAL-TIME SYSTEMS, ROBOTICS, ROBUST AND CONTROL, SENSOR NETWORKS AND NETWORKED CONTROL, SENSOR/DATA FUSION, SMART STRUCTURES, STOCHASTIC SYSTEMS, ...

COMMUNICATIONS/INFORMATION TECHNOLOGY

AD HOC, SENSOR AND MESH NETWORKING, CODING THEORY AND PRACTICE, COMMUNICATION THEORY, COMMUNICATIONS QUALITY OF SERVICE, RELIABILITY, AND PERFORMANCE MODELLING, COMMUNICATIONS RECEIVERS, COMMUNICATIONS SOFTWARE, SERVICES, AND MULTIMEDIA APPLICATIONS, COMPRESSION, COMPUTER AND COMMUNICATIONS NETWORK SECURITY, CRYPTOGRAPHY AND DATA SECURITY, DATA MINING, DETECTION AND ESTIMATION, DIGITAL COMMUNICATIONS, DSP FOR COMMUNICATIONS, E-LEARNING, E-COMMERCE AND E-HEALTH, IMAGE PROCESSING, INFORMATION THEORY AND STATISTICS, INFORMATION THEORY IN NETWORKS, INFORMATION PRACTICE, MOBILE AND WIRELESS COMMUNICATIONS, MULTI-TERMINAL INFORMATION THEORY, NETWORKS AND QOS, NEXT GENERATION NETWORKS, PROTOCOLS, AND SERVICES, OFDM AND CDMA, OPTICAL NETWORKS AND SYSTEMS, PATTERN RECOGNITION AND LEARNING, QUANTUM INFORMATION, SEQUENCES AND COMPLEXITY, SHANNON THEORY, SIGNAL PROCESSING, SOURCE CODING, SPACE-TIME CODING, VIDEO AND MULTIMEDIA SIGNAL PROCESSING, WIRELESS NETWORKING, ...

ALGORITHMIC, ARTIFICIAL INTELLIGENCE, BIOINFORMATICS, COMPUTATIONAL STATISTICS, COMPUTER SCIENCE, DATABASE, FINANCIAL ENGINEERING, GAME AND ENTERTAINMENT TECHNOLOGIES, HARDWARE SYSTEMS, IMAGING ENGINEERING, INFORMATION RETRIEVAL, INTERNET COMPUTING, NETWORKING, SECURITY AND CRYPTOLOGY, SOFTWARE ENGINEERING, THEORETICAL COMPUTER SCIENCE ...

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# PAPER SUBMISSION

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format), including figures, tables and references.