Call for Papers

Special Issue on: "Latest Trends in Communication Technologies"

Guest Editors:

K.S.Babai**,**
Principal; Meenakshi Sundararajan Engineering College, Chennai, Tamil Nadu,India
Email:babai.ksu@msec.edu.in

Deepa Sreekanth**,**
Assistant Professor, Department of Information Technology
Meenakshi Sundararajan Engineering College, Chennai, Tamil Nadu, India

Email:contacts@icvlsicom10.org

Dr.P.S.Neelakanda

Professor,Florida Atlantic University,USA

Email: neelakan@fau.edu

Introduction

The purpose of ICVLSICOM-10, the International Conference on VLSI Design and Communication Systems, is to provide a forum to for presentation of innovative developments and exchange of information between students, academicians, researchers, engineers and industrialists various fields related to VLSI Design & Communication Systems. Ideas on how to analyze and approach problems by combining VLSI Design & Communication systems, either in the scope of R&D projects, engineering or business applications will be presented and discussed.

This special issue aims to study the technologies in the vast field of VLSI Design & latest Communication Systems & Computer Networking. The special issue will additionally select high quality papers from The First International Conference on VLSI Design & Communication Systems (ICVLSICOM-10) to be held in Chennai, India, January 2010.

Subject Coverage

Some of the topics of interest include, but are not limited to:

VLSI Design

- Power Optimization Techniques
- Reconfigurable Hardware Design
- ASIC & System On Chip
- CMOS-based RF VLSI Design
- VLSI architecture Design ,implementation & testing
- Ionization Radiation Induced Effects on Sub-quarter Micron CMOS Devices

Signal Processing

- ✓ Digital Signal Processing
- ✓ Signal Processing for Security
- ✓ Signal Processing for Communication
- ✓ Design and Implementation of Signal Processing

Speech processing

- ✓ Speech and Audio Coding
- ✓ Speech Synthesis & Recognition
- ✓ Speech , Audio & Music Processing

Image Procesing

- ✓ Image Analysis
- ✓ Compression and Error Codes
- ✓ Modulation Techniques
- ✓ Image Filtering
- ✓ Image/Video Processing & Coding

Wireless Communication

- ✓ Broadband Mobile Communication System
- ✓ Communication & Information Theory
- ✓ 4G Wireless Communication
- ✓ SON(Self Optimizing Networks)
- ✓ Next Generation Mobiles
- ✓ Wireless LANs & PANs
- ✓ MIMO Systems

- ✓ Intelligent Antenna Systems
- ✓ Wireless & Mobile Applications
- ✓ Wireless Networks
- ✓ Wireless Sensor Networks
- ✓ Smart Wireless Sensors
- ✓ Adhoc Networks
- ✓ Wireless Security
- ✓ Wireless QoS
- ✓ Mobile Intelligent etworks
- ✓ Satellite based Systems

Important Dates

Submission of papers: **18 January, 2010**
Notification of acceptance: **30 January, 2009**

Camera ready papers due: 10 February, 2010

Publication Date: March 2010

Submission Instructions

Papers must not have been published, accepted for publication, or presently be under consideration for publication elsewhere. The standard peer review process will be used to select papers for the special issue. Electronic submission in PDF format must be made in the standard of AIRCC format. Accepted papers must follow the guidelines posted at: http://airccse.org/journal/ to format the final papers.

The authors must submit their papers to special Issue on or before the submission due date of January 18, **2010**. Papers must be sent to: **papers@icvlsicom10.org /
secretary@airccse.org**. For more details visit: http://www.icvlsicom10.org/jissue (journal cfp)

For any questions and article submissions, please contact:

Prof. K.S. Babai or Mrs. Deepa Sreekanth – contact@icvlsicom10.org
Guest Editors, *International Journal of Computer Networks & Communications*
Meenakshi Sundararajan Engineering College
363, Arcot Road, Kodambakkam
Chennai - 600024, Tamil Nadu, India