

ISSSE'95

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UNION RADIO-SCIENTIFIQUE INTERNATIONALE
INTERNATIONAL UNION OF RADIO SCIENCE



INTERNATIONAL SYMPOSIUM ON SIGNALS, SYSTEMS AND ELECTRONICS

Parc Fifty Five Hotel, San Francisco
October 25 - 27, 1995

Final Call for Papers

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The International Symposium on Signals, Systems and Electronics is the third of a series of triennial international symposia promoted and organized by URSI Commission C "Signals and Systems" and Commission D "Electronics and Photonics". Its aim is to cover all fields of activities of the two Commissions and to promote the exchange of research results between scientists and engineers working in these multidisciplinary fields. Sessions will include regular, invited and tutorial papers. English is the official language of the Symposium. The Symposium is open to all aspects of Signals, Systems and Electronics, particularly:

Signal and Information Theory

- Information Theory
- Data Compression and Source Coding
- Time-Frequency Analysis and Wavelets
- Detection and Estimation
- Modulation and Coding

Signal Processing and System Theory

- Adaptive Algorithms and Systems
- Digital Filters, Multirate Systems, Filter Banks
- Neural Networks
- Parallel Processing and Systolic Arrays
- Image Processing and Spectral Analysis
- Image Processing, Multidimensional Processing
- VLSI for Video Signal Processing
- Speech Processing
- Nonlinear Circuits and Systems

Communications Systems

- Spread Spectrum Communications
- HDTV and Multimedia
- Personal and Mobile Communications Systems
- Optical Communications Networks
- Satellite Communication Systems
- Computer and Data Communications
- Analog & Digital ASICs for Telecommunications

Electronics

- Silicon and III-V Devices
- Low Power Devices and Circuits
- Nano/Mesoscopic Devices
- Device Modeling

Photonics

- Lasers and Photodetectors
- Fibers, Amplifiers, Solitons
- Photonic Integrated Circuits
- WDM Components and Networks

Microwave Device and Circuits

- MMIC
- Packaging
- Microwave/Optical Devices and Circuits
- Modeling and Simulation

Analog and Digital Circuits

- A/D and D/A
- Wireless Circuits
- ASICs
- CAD, Design for Testing

MicroElectroMechanical Systems (MEMS)

Superconducting Circuits

Surface Acoustic Wave Devices

Keynote Speakers of ISSSE '95 include

- R. Dutton, Stanford University
- A. Viterbi, Qualcomm

Submission of Papers: Deadline: March 15, 1995

Authors are requested to submit ten (10) copies of their paper. The paper consists of 4 pages (including text and figures) and must clearly state

- Authors' names, address, phone, fax, and email address,
- Title of the paper and the intended area of submission,
- Authors' contribution and originality, and the significance of the results obtained.

Ten copies of the paper should be submitted to:

ISSSE '95 c/o: Prof. Ming C. Wu
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Los Angeles, CA 90024-1594, USA

Acceptance of the paper will be notified on May 1, 1995. A camera ready final manuscript of the accepted paper will be due on June 30, 1995.

- *Authors of accepted papers are requested to pre-register.*
- *URSI Young Scientist Program: Limited support is available. Candidates must be under 35 years of age on September 1, 1995 and have a Ph.D. or equivalent degree.*



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