

CALL FOR PAPERS

The Second International Conference on

COMPUTERS AND APPLICATIONS

Beijing (Peking), China
June 24-26, 1987

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CHINESE COMPUTER FEDERATION



IEEE COMPUTER SOCIETY

Authors are invited to submit papers describing recent advances on all aspects of computers and applications. These may include: design methodologies appropriate to computer architecture, software systems, data base management systems, office information systems (including Chinese character processing) and new developments in machine intelligence and computer graphics. Particular areas of interest are: the aspects associated with a distributed processing approach towards implementation, and the impact of technological advances on the hardware and software design methodologies.

INSTRUCTIONS FOR AUTHORS

THE DEADLINE FOR SUBMITTING PAPERS IS AUGUST 31, 1986. For regular papers, four copies each of a 100-word abstract and the full text (a maximum of 20 double-spaced pages including figures) are required. For short papers, four copies each of a 100-word abstract and a summary of 1000 words.

Please provide office and/or home telephone numbers or telex numbers.

The papers should be submitted before **AUGUST 31, 1986** to:

Oscar N. GARCIA
Department of EE and CS,
Room T-637
The George Washington University
801 - 22nd Street, NW
Washington, D.C. 20052 U.S.A.
Telephone: (202) 676-7175

ZHANG Xiaoxiang
Institute of Computing
Technology
Academia Sinica
P.O. Box 2704, 100080
Beijing, China
Telephone: 283131 Ext. 556

Submitted papers will be acknowledged promptly and authors will be notified of acceptance by **DECEMBER 15, 1986**. It is assumed that by submitting the paper to the conference, the author(s) has received all necessary clearances and will present the paper at the conference.

CONFERENCE CO-CHAIRMEN

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TECHNICAL PROGRAM ANNOUNCEMENT

A conference brochure with pre-registration forms and the technical program will be prepared and mailed in **JANUARY 1987**. For Further information contact: IEEE Computer Society, 1730 Massachusetts Avenue, N.W., Washington, D.C. 20036, TWX: 7108250437 IEEECOMPSO.

CONFERENCE PROCEEDINGS

The conference proceedings will be published in English. Special sheets for the preparation of accepted papers for the proceedings will be sent to each author. Camera-ready copy must be received by **January 15, 1987**.

CULTURAL AND SIGHTSEEING TOURS

Tours will be arranged in groups depending on demand and local facilities.

ATTENDING CONFERENCE

Authors and participants are responsible for obtaining their own passports, visas, and all financial expenses for attending the conference. The cost for attending the conference is estimated to be at least U.S.\$2,700 per person.



IEEE COMPUTER SOCIETY



Institute of Electrical and Electronics Engineers, Inc.

CALL FOR PAPERS

Sixth Annual IEEE



Phoenix CONFERENCE on COMPUTERS and COMMUNICATIONS

February 25-27, 1987

Scottsdale, Arizona



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In conjunction with
THE IEEE COMPUTER SOCIETY,
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Program Co-Chairmen:

Dr. Oris Friesen, Honeywell
Dr. Forouzan Golshani, ASU

This international conference provides a forum for the presentation and exchange of current work on a wide variety of topics in computers and communications. Topics of interest include theory, design, implementation, applications and evaluation aspects of the representative areas listed.

The program committee invites original papers of no longer than 5,000 words addressing any of the above areas. The manuscript must be typed double-spaced and must include an abstract of 200-300 words and appropriate references. Long papers are subject to immediate rejection. Please submit 5 copies of a complete paper by July 3, 1986 to:

*Dr. Forouzan Golshani, Program Co-Chairman
Department of Computer Science
Arizona State University
Tempe, AZ 85287
(telephone (602) 965-2855)*

All submitted papers will be refereed. They will be judged with respect to their quality, originality and relevance. Authors will be notified of acceptance/rejection shortly after September 19, 1986.

Accepted papers will be published in the Conference Proceedings.

We also solicit proposals for panel sessions. Each proposal must include a subject, justification, names of possible participants and the name of organizer.

Computer Technology

- new architectures
- array processors
- hardware description languages
- fault-tolerant design
- operating systems

Communication Technology

- bandwidth and power efficiency
- computer-aided design
- coding, decoding and security
- digital signal processing
- signal processing architectures

Software Technology

- software methodology and specification
- declarative languages
- object-oriented programming
- databases
- real-time programming

Networking Technology

- ISO/OSI layered architectures
- local/wide area networks
- micro networks
- distributed processing
- network management and security

Artificial Intelligence

- expert systems
- knowledge engineering
- natural language processing
- computer vision
- logic-based problem solving

Computer Integrated Manufacturing

- robotics
- CAD/CAM
- integrated information systems
- factory automation
- human-computer interaction

IMPORTANT DATES:

Submission deadline	July 3, 1986
Acceptance notification	September 19, 1986
Camera ready version due	November 15, 1986
Conference	February 25-27, 1987
