You are invited to attend and to participate in the 1981 National Computer Conference in Chicago, Illinois.

The NCC provides a unique annual forum for computer professionals in all fields and data processing users to share their knowledge, experience, and research developments.

In addition to the technical and professional program consisting of papers, panels, surveys, and tutorials, you will find many other important features at NCC '81 including the largest exhibit of computer products and services in the world, a series of one-day professional development seminars, as well as featured addresses and special conference activities.

You CAN PARTICIPATE BY:
- Volunteering to be a panelist
- Proposing a technical or panel session
- Sending ideas for topics
- Writing a paper
- Suggesting special activities

Deadline for submission of proposals for technical or panel sessions is October 1, 1980.

Deadline for submission of papers is October 27, 1980. Authors will be notified by February 16, 1981 regarding acceptance.

Please send all submissions to the NCC '81 Technical Program Chairman:
Dr. Alex Orden, Program Chairman NCC '81, University of Chicago Graduate School of Business, 1101 East 58th Street, Chicago, IL 60637

A CALL FOR PAPERS, PANELISTS, AND SUGGESTIONS

SUBJECT SUGGESTIONS

HARDWARE
- Computer Architecture
- Distributed/Parallel Processing
- Networking
- Mini/Microcomputers
- Array Processing/Processors
- Telecommunications
- Signal Processing
- Reliability/Maintainability
- VLSI
- COM/CIM
- Plug Compatible Equipment

SOFTWARE
- Programming Languages
- Software Engineering
- Validation/Reliability/Maintenance
- Software Conversion and Transportability
- Quality Assurance
- Standards
- Data Base Management Systems
- Application Development Systems
- Image Processing
- Computer Graphics
- Voice Simulation/Recognition
- Mathematical Software

INFORMATION PROCESSING MANAGEMENT
- Performance Measurement/Evaluation
- Management/Forecasting
- Program/Project Management Techniques and Systems
- Auditing
- Benchmarking Methods and Results
- Professional Standards
- Computing Careers and Education
- Recruiting/Training/Staffing
- User Responsibilities

APPLICATIONS
- Integrated MIS
- Office Automation
- Medical Information Systems
- Library Automation
- Simulation and Optimization
- Artificial Intelligence
- Pictorial Data Base Systems
- Personal Computing
- Financial/Industry Oriented Systems
- Manufacturing Automation
- Energy Planning and Control

SOCIAL AND ECONOMIC IMPLICATIONS
- Privacy/Security
- Education
- Computer Literacy
- Earth Resources
- International Issues
- Legislation and Regulation
- Impact of Computing on Productivity
- Impact of Computing on Labor Needs

NCC '81

McCORMICK PLACE, CHICAGO, MAY 4-7
NCC Guidelines 1981

PAPER GUIDELINES

Previously unpublished papers are solicited. Papers submitted for consideration must be in final form with quality figures and tables ready for typesetting. All papers will be refereed. It is anticipated that refereed and approved papers will be sent to the printer with no additional opportunities for author changes. The Conference Proceedings Editors reserve the right to edit all papers prior to publication or to request that the authors change them to meet AFIPS publication requirements. Both short papers (up to 2500 words) and long papers (approximately 5000 words) including figures, tables, and other art work will be considered. As a rule of thumb, a figure is equivalent to 250 words.

"Instructions to Authors" for preparation of manuscripts for AFIPS NCC Proceedings are available on request from the program chairperson. The material submitted should include:

1. Six copies of the paper. The submitted paper should be in the final form—clearly typed, double spaced on one side of the paper and ready for typesetting. Each page should be numbered and have the principal author’s name on it. Submission of a paper implies guarantee by the author that all necessary approvals and clearances for publication have been obtained.

2. Six copies of a title page containing a title. 150-word abstract, four to six keywords descriptive of the content of the paper, author’s affiliation, telephone number and mailing address.

DEMONSTRATION GUIDELINES

Video tapes, films, or real-time demonstrations also will be considered. Demonstrations should describe a new or valuable application, illustrate its usage and report on its impact. Demonstrations which are clearly advertisements will not be accepted. Please send us an abstract (less than 500 words) describing your demonstration.

PANEL PROPOSAL GUIDELINES

Some of the panel sessions will provide a forum for those who want to describe their work, but do not have time to write a paper for review. Talks will be selected on the basis of relevancy of the topic. Please send us an abstract (less than 500 words) describing a 5-10 minute talk you would like to present and indicate the major topic of your talk in the title.

TOPIC REQUESTS

Please let us know of topics you would like to hear about in the NCC Program (e.g., a tutorial on artificial intelligence, a survey on graphics terminals, a discussion of recruiting problems).