Just Out . . .


First multiple-valued logic symposium to contain a tutorial lecture to help those not familiar with topics in multiple-valued logic for those interested in new ideas. Includes invited and technical papers in engineering, computer science, logic, mathematics, and other areas.

Non-members—$20.00 Members—$15.00


Two parallel sessions—applications and systems, and language and miscellaneous—are featured. Papers present new research results and practical applications.

Non-members—$8.00 Members—$6.00


Review of recent developments in both minicomputer and microprocessor technology. Emphasis is on changes in instruction sets, evolution of hardware architecture and interfacing schemes, and the state of software for both the mini and micro systems.

Non-members—$12.00 Members—$9.00

1976 Publications


This symposium provides a continuing forum for the interchange of ideas, techniques, and applications in the field of simulation. Typical sessions deal with simulation in bio-medicine, aviation, and corporate management, as well as discussions of simulation languages.

Non-members—$20.00 Members—$15.00


A continuation of previous Zurich seminars, the 1976 Zurich Seminar deals with recent progress in digital signal processing, digital switching and multiplexing, and digital transmission. Half of the papers presented deal with the impact of modern circuit techniques on terminals, modems, transmission lines, channel banks, multiplexers and switching equipment. The seminar stresses transferring newly acquired knowledge from research to applications in real world communication systems.

Non-members—$20.00 Members—$15.00


The conference focused on products, services, and ideas which can be expected in the computer field within the next five years in the areas of hardware, software, firmware, technology, and applications.

Non-members—$20.00 Members—$15.00


These tutorial notes and references are intended to describe the continuing need for conducting management audits of computer operations. The costs of acquiring, installing, and operating a computer represent only the tip of the iceberg normally visible to management; managers must comprehend the influence the computer has on their ability to manage the whole organization. These subjects, as well as others, are covered in detail in 36 pages of original lecture notes and 436 pages of reprints of 31 articles.

Non-members—$16.00 Members—$12.00


The symposium covers the theory and practice of computer structures and digital system organization. Topics include architecture evolution, hardware descriptive languages, multi-microprocessors, performance evaluation and modeling, applications, hardware/software system considerations, resource sharing and process coordination, recent results, networks, architectures to support software concepts, architectural features for performance enhancement, and secondary storage.

Non-members—$20.00 Members—$15.00

1975 Publications


Contains 37 papers from sessions on mathematical foundations of computer arithmetic, control and monitoring of precision, number systems, residue arithmetic and error control, arithmetic algorithms and their analysis, case studies of arithmetic processor design, ultra high speed arithmetic for special purpose, and parallelism and array logic.

Non-members—$20.00 Members—$15.00


Topics: programming languages, programming methodology, minicomputer systems and architecture, reliability and diagnosis, scheduling and memory management, sequencing and allocation problems, data bases, artificial intelligence, metatheory, and program testing.

Non-members—$20.00 Members—$15.00


The sixth in a series of annual meetings, the 1975 symposium focused on memory testing with the added dimension of memory reliability, devoted a full day to the subject of microprocessors, presented new information on test techniques and test equipment, and included a presentation on linear operational amplifier testing using automatic equipment.

Non-members—$16.00 Members—$12.00


Formerly called the Annual Symposium on Switching and Automata Theory, this symposium featured sessions on analysis of algorithms, computational complexity, formal languages, mathematical theory of computation, switching and automata theory, theory of programming, compiling, and formal semantics.

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