WEDNESDAY, MAY 10, 1978

9:30 a.m.–12 Noon, Session 1
Welcome and Opening
Maurice V. Wilkes, General Chairman
Lazlo A. Bellady, Program Chairman
Keynote Address
C.A.R. Hoare, Oxford University

WEDNESDAY AFTERNOON (parallel sessions)

1:30–3:00 p.m., Session 2A: MICROPROCESSOR SOFTWARE
Chairman: Stephen Morse, INTEL
Panel Discussion
1:30–3:00 p.m., Session 2B: LANGUAGE ISSUES
Chairman: Hermann Kopetz, Voest Alpine A.G., Austria
1:30–3:00 p.m., Session 2C: SOFTWARE RELIABILITY
Chairman: Fritz L. Bauer, Technical University of Munich
3:30–5:00 p.m., Session 3A: EDUCATIONAL ISSUES
Chairman: Barry Boehm, TRW
3:30–5:00 p.m., Session 3B: PROSPECTS FOR PROGRAM VERIFICATION
Chairman: James King, IBM
3:30–5:00 p.m., Session 3C: MANAGEMENT OF SOFTWARE PROJECTS
Chairman: Lawrence Putnam, G.E.
Panel Discussion

WEDNESDAY EVENING

5:00–6:30 p.m., Cocktail Party
8:00 p.m.: Follow-On panel sessions, "Hyde Park" Style
Session 4A: "EDUCATIONAL ISSUES"
Chairman, Raymond Yeh, University of Texas
Session 4B: "PROSPECTS FOR PROGRAM VERIFICATION"
Chairman, Bernard Elspas, SRI International
Session 4C: "MANAGEMENT OF SOFTWARE PROJECTS"
Chairman, Seymour Jeffery, NBS

THURSDAY, MAY 11, 1978

THURSDAY MORNING (parallel sessions)

9:00–10:15, Session 5A: Invited Speaker Michael Jackson on "INFORMATION SYSTEMS: MODELING, SEQUENCING AND TRANSFORMATIONS"
9:00–10:15, Session 5B: Invited Speaker Victor Vysotsky, Bell Labs, on "SOFTWARE ENGINEERING: TECHNOLOGY OR METHODOLOGY?"

THURSDAY AFTERNOON (parallel sessions)

1:30–3:00 p.m., Session 7A: SOFTWARE DESIGN
Chairman: Barbara C. Stewart, Honeywell
1:30–3:00 p.m., Session 7B: CASE STUDIES
Chairman: Lawrence J. Peters, Boeing Computing Services
1:30–3:00 p.m., Session 7C: PROGRAM ANALYSIS
Chairman: William E. Howden, University of Victoria
3:30–5:00 p.m., Session 8A: FORMAL ANALYSIS
3:30–5:00 p.m., Session 8B: HUMAN FACTORS
3:30–5:00 p.m., Session 8C: SYSTEM DESIGN
Chairman: Shinya Fujibayashi, Nippon Electric Company

THURSDAY EVENING

8:00 p.m., Session 9: BIRDS OF A FEATHER
Coordinator: Dennis Fife, National Bureau of Standards

FRIDAY, MAY 12, 1978

FRIDAY MORNING (parallel sessions)

9:00–10:15 a.m., Session 10A: Invited Speaker Peter Wegner, Brown University, on "RESEARCH DIRECTIONS IN SOFTWARE TECHNOLOGY" with Panel discussion to follow.
9:00–10:15 a.m., Session 10B: Invited Speaker Bill Hetzel, Blue Cross and Blue Shield of Indiana, on "A SOFTWARE PERSPECTIVE"
10:45–12 Noon, Session 11A: Invited Speaker David Parnas, University of North Carolina, on "DESIGNING SOFTWARE FOR EASE OF EXTENSION AND CONTRACTION"
10:45–12 Noon, Session 11B: Invited Speaker Charles Clingen and T.H. Van Vleck, Honeywell, on "THE MULTICS SYSTEM PROGRAMMING PROCESS"

FRIDAY AFTERNOON (parallel sessions)

1:30–3:00 p.m., Session 12A: OPERATING SYSTEMS
1:30–3:00 p.m., Session 12B: TESTING
Chairman: John Goodenough, Softech
1:30–3:00 p.m., Session 12C: SOFTWARE PORTABILITY
Chairman: Peter Brown, University of Kent
3:30–5:00 p.m., Session 13: PROBLEMS OF THE 80's
Chairman: Anthony Wasserman, U.C., San Francisco
Panel discussion
A choice of three pre-conference TUTORIALS

All Tutorials start at 9:00 a.m.
TUESDAY, May 9, 1978

QUANTITATIVE MANAGEMENT: SOFTWARE COST ESTIMATING
This tutorial will cover the life cycle costing of large-scale application software from two viewpoints: that of a government sponsor and that of a contract software developer.

PROGRAM TESTING
This tutorial covers the latest technology, tools, and techniques; effectiveness; and management methods of systematic program testing.

SOFTWARE DESIGN TECHNIQUES
This tutorial is a survey of the technical aspects of software design, emphasizing those activities which occur between the specification of a problem and the programming of its solution.

**ADVANCE REGISTRATION**
Complete and return this form (with your check made payable to SOFTWARE ENGINEERING) to:

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<tr>
<th>Tutorial</th>
<th>Advance Registration</th>
<th>Late Registration (after April 28, 1978)</th>
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**NOTES:**
Requests for refunds must be received in writing no later than May 8, 1978. Late registration will be accepted at the Hyatt Regency Atlanta starting at 5 P.M., Monday May 8, 1978.
Session Chairman and Speakers will be entitled to a $15 discount from the above rates, for the Conference only.
Students are entitled to a $30 discount from the above rates, for the Conference only. Students must be members of the IEEE or ACM and must not be employed, other than part time.
If you register at the non-member rate and wish to become a member of a sponsoring society, your membership fees will be reduced by the excess of the registration fee actually paid over the corresponding member rate. The membership desk at the Conference will be open Monday May 8 through May 12, 1978.
Tutorial registration covers Tutorial attendance and includes luncheon and one copy of the bound Tutorial text.

**HOTEL RESERVATION FORM FOR THE THIRD INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING**
Complete and mail this reservation form to:
HYATT REGENCY ATLANTA
265 Peachtree Street, NE, Atlanta, Georgia 30303
Telephone 404-577-1234

Please check accommodations:
(If lowest available rate will be assigned unless otherwise requested)
Single □ $31 to $45  Twins or Doubles □ $41 to $55
Suites □ $110 to $300

Please reserve _______. Arrival Date _______. Departure Date _______.

**LECTURERS:**
Lawrence H. Putnam
Information Systems Programs
General Electric Company, Arlington, Virginia
Ray W. Wolverton
Software Research and Technology
TRW Systems Group

Edward F. Miller, Jr.
Software Research Associates, San Francisco

Peter Freeman
Technology Transfer, SofTech, Inc.

Anthony I. Wasserman
Medical Information Science
University of California, San Francisco