Polytechnic Institute of New York—MRI Symposium on Computer Software Engineering

General Chairman: A. A. Oliner; Program Committee Chairman: M. L. Shooman

Wednesday, 21 April 1976

III. Models and Data
Chairman: J. D. Musa, Bell Labs


"A Software Physics Analysis of Akyiam's Debugging Data," M. H. Halstead and Y. Funami, Purdue University, Lafayette, IN.

IV. Theory
Chairman: M. Denicoff, ONR
Co-Chairman: P. D. Patent, ONR

"Specifications, Refined, and Proof of a Microprocessor," L. Yelowitz, Univ. of Pittsburgh, Pittsburgh, PA.

"A Program Verifier With Assertions in Terms of Abstract Data," V. Schorre, System Development Corporation, Santa Monica, CA.

"A Semi-Markov Model for Software Reliability with Failure Costs," B. Littlewood, City University, London, ENGLAND.

"Axioms for Structural Induction on Programs Containing Block Exits," R. B. Kieburtz and J. C. Cherniavsky, SUNY at Stony Brook, NY.

"Formal Problem Specifications for Readers and Writers Scheduling," J. Greif, University of Washington, Seattle, WA.

V. Languages

"Decomposition and the Transfer of Assembly-Coded Mini-Computer Systems Programs," F. L. Friedman, Temple University, Philadelphia, PA.


"Formalizing the Specification of Target Machines: A Methodology to Enhance Software Transportability," C. F. Rama-moorthy and P. Jahanian, University of California, Berkeley, CA.

"Data Types and Programming Reliability: Some Preliminary Evidence," J. Gannon, University of Maryland, College Park, MD.

Full Program, more details on request

Please send name, title, association and address with check payable to:
The Polytechnic-MRI Symposium Committee 333 Jay Street, Brooklyn, NY 11201
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Telephone: (212) 643-2393

Thursday, 22 April 1976

VI. Reliability
Chairman: M. L. Shooman, Polytechnic

"Emulation of an Aerospace Computer on a Microprogrammable Machine," R. Carney, Martin Marietta Aerospace, Denver, CO.


"Automating Multiple Program Realizations," J. Boyle and M. Matz, Argonne National Laboratory, Argonne, IL.


VII. Case Studies
Chairman: M. H. Halstead, Purdue U.


"An Exploratory Experiment with 'Foreign' Debugging of Programs," J. D. Musa, Bell Labs, Whippany, NJ.


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