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Computer Security and Integrity Tutorial
A one-day tutorial on computer systems security and integrity will be held on Wednesday, May 18, 1977 at the Holiday Inn, Gaithersburg, Maryland. The tutorial is designed to provide technical background for understanding the issues of protection in a computer environment. It is oriented to management and computer systems personnel. The scope of the lectures cover current and future techniques relating to the design and implementation of computer security and integrity safeguards. All attendees will receive lunch, a copy of the tutorial notes and a book of current readings.

COMPUTER SECURITY AND INTEGRITY—TRENDS AND APPLICATIONS
National Bureau of Standards, May 19, 1977—Gaithersburg, Maryland

REGISTRATION CARD

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Use this form to register for the Symposium and/or the Tutorial. Enclose with the registration fee (payable to TRENDS AND APPLICATIONS) and mail to Trends and Applications, P.O. Box 639, Silver Spring, Maryland 20901. Advance registration must be prepaid by check or money order, or the full fee will be charged.

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The year's major forum for technical interchange on computer security will explore the design, implementation and planning for protection in computer/communications systems. Technical progress in systems architecture, cryptography, risk assessment and audit has been rapid in the past few years. The symposium will provide information on important trends and developments in computer security. A distinguished panel of experts will provide comment on the issues.

PRELIMINARY SCHEDULE

8:30 a.m. Registration
9:15 a.m. Welcoming Address, Dr. Ruth M. Davis, Director of the Institute for Computer Sciences and Technology, National Bureau of Standards
9:30 a.m. Keynote Address
10:00 a.m. Coffee
10:20 a.m. Morning Sessions

General Session: MANAGEMENT CONSIDERATIONS: RISK AND AUDIT
Chairperson: Peter Brown, Computer Resource Control
Discussant: Robert H. Courteney, IBM Corp.


"Management of Risk in Electronic Data Processing," H. Robinson, Metropolitan Life Insurance


"Effective Computer System Integrity Safeguards," N.R. Nielsen and B. Ruder, Stanford Research Institute

Parallel Session 1A: AUTHENTICATION AND ACCESS CONTROLS
Chairperson: Helen M. Wood, NBS
Discussant: Robert V. Jacobson, Chemical Bank

"Codes Update System," F.R. LeFevre, B. L. Gordon, IBM Corp.


Parallel Session 2B: SOFTWARE AND DATA STRUCTURES
Chairperson: Eric J. Novotny, American Bankers Association
Discussant: Lee Danner, IBM Corp.


Parallel Session 1B: NETWORK SECURITY AND CRYPTOGRAPHY
Chairperson: Dennis K. Branstad, NBS
Discussant: James P. Anderson, James P. Anderson Co.


“The Coordination of Cryptographic and Traditional Access Control Techniques for Protection in Computer Systems,” F. Stahl, Columbia University; E. Gudes, Pennsylvania State University and H. Koch, The Ohio State University

“The Feasibility of a Method of Processing Encrypted Data,” L.M. Culpepper, David Taylor Naval Ship Research and Development Center


Parallel Session 2A: SYSTEMS BASED SECURITY
Chairperson: Marshall D. Abrams, NBS
Discussant: Stanley Winkler, IBM Corp.

“Multi-Level Security: An Overview and New Directions,” Ruth Nelson and Joseph Jarzembowski, GTE Sylvania


"The Design of a Secure Computer System," S. Mufic and M.T. Liu, The Ohio State University

"Architectural Aspects of Type Extendibility," V.D. Gilgor, University of Maryland

1:00 p.m. Lunch
2:00 p.m. Afternoon Sessions

General Session: PANEL DISCUSSION

Accommodations
Write directly to:
Holiday Inn (block of rooms reserved)
Two Montgomery Village Avenue
Gaithersburg, Maryland 20760
(301) 948-8900

Washingtonian Motel (block of rooms reserved)
Interstate 270 at Shady Grove Road
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Also—
Ramada Inn
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Be sure to mention the name of the Symposium to be eligible for special rates.