



# NERCOMP

NEW ENGLAND REGIONAL COMPUTING PROGRAM  
350 Lincoln Street, Hingham, MA 02043 617-740-0001

Incorporated 1970 as a 501(c) (3) educational association of colleges and universities to promote the sharing of academic computing resources.

## *NERComp's Twentieth Anniversary Conference*

### *Creating a Supportive Environment for Personal Computing On-Campus*

Friday, June 7, 1991

Massachusetts Institute of Technology, Cambridge, MA  
9:00 a.m. to 4:30 p.m. Building 10, Room 250

#### **Abstract**

A conference to celebrate the twentieth anniversary of NERComp and to present information to prepare for learning and working in the "Information Age."

Speakers from industry and NERComp member colleges, Dartmouth, Harvard, and Simmons College, will suggest how information technology developments may shape the computing environment on campus and in the workplace, and how central computing organizations and libraries may evolve to face the new challenges of the personal computer and work station revolution and the "Information Age."

Welcome: James Bruce, Vice President Information Systems, MIT  
Robert Gibbs, President, NERComp

Introduction to the Conference Keynote Speaker  
Robert DeMichiell, Chairman,  
NERComp Board of Trustees.

#### **KEYNOTE SPEAKER**

##### **"Computing in the 90's"**

**Greydon Freeman, Program Director, Gartner Group**

The rate of change in the personal computing environment is about to increase dramatically. DOS as we know it will become passe, graphical user interfaces will become the norm, augmented by pen-based interaction. Universal connectivity and applications integration will be the goals. New standards, skills, support strategies and management styles will be needed. Mr. Freeman will discuss a number of the strategic planning assumptions that are relevant to survival in this new world.

**The Keynote speaker, Greydon Freeman**, a former NERComp Trustee and former Director of Computing Services at Yale University, a co-founder of BITNET, is Program Director in the Gartner Group Information Technology Management Service. Previously, he was Vice President, Information Services of the Group's computing and telecommunications activities. Before joining the Gartner Group, Mr. Freeman was Director of the Yale University Computer Center which provided general purpose academic computing services and data communications facilities to the university community. He headed the project that developed the widely used Yale ASCII Terminal Communication System.

##### **"The Multimedia Information Age and the Networked Environment of the 21st Century"**

**Ching-chih Chen, Professor and Associate Dean,  
Graduate School of Library and Information  
Science, Simmons College.**

A discussion of the current multimedia technology environment, current developments of the gigantic electronic national superhighway network and the impact on the academic and research profession in terms of information access and sharing.

##### **"PROBLEMS AND SOLUTIONS"**

##### **"The Shared I/T Infrastructure Higher Education."**

**Stephen C. Hall, Director, Office for Information  
Technology, Harvard University**

##### **"Issues Seeking Answers at the Dawning of The Information Age"**

**Thomas E. Byrne, III, Associate Director for  
Planning, Computing Services, Dartmouth College**

The presenters will provide an overview of critical issues which must be addressed to develop a supportive environment for computing. Topics discussed will include the evolving mission and structure of the central computing organization; the library and the computer center; access to information resources and institutional information; repair and maintenance options, training, documentation, and communications for owners and users, providing personal computers and workstations for faculty, staff and students; strategies for dealing with fast-changing technology; standards for software and hardware, public access to proprietary software; hiring versus outsourcing for technical support; public clusters versus private ownership — the pros and cons; addressing printing problems, and providing access to the national networks.

##### **Panell Discussion: "The Case for Regional Cooperation in Computing"**

**Ray Phillips, Director/Computer Services,  
Colby College**  
**Linda Spugnardi, Assoc. Director, Academic  
Computing Services, Bates College**  
**Tom Makofske, Director, Information Services,  
Connecticut College**

4:30 p.m. Conference Adjournment

4:45 p.m. NERComp Annual Meeting and Election of Trustees. Reception for Institutional Representatives

## Presenters

**Thomas E. Byrne, III** has been an Associate Director of Computing Services at Dartmouth since 1966 when the Kiewit Computation Center at Dartmouth first opened. He served as Director of Operations, Telecommunications, The Computer Store, and the General Administration of the Center until February of 1990 when he became Associate Director for Planning. He is currently a Trustee of NER-ComP, and has co-authored chapters in two EDUCOM monographs, "Campus Networking Strategies" and "Computing Across the Curriculum: Academic Perspectives."

**Stephen C. Hall**, Director of Harvard's OIT for seven years. Co-founder of NEARnet, our Regional Network. Active in Educom's Consulting Group and Board. Oversight responsibility for the Harvard University Network and Information Utility developments. Formerly Managing Principal for Nolan, Norton & Co., management consultants for I/T. IBM Company, first twelve years of career. BA Math, Tufts 1966.

**Ching-chih Chen**, an international consultant on new technology application for information management, is Professor and Associate Dean of the Graduate School of Library and Information Science, Simmons College, Boston. An author and editor of 22 books on information technology and management, she is also the founding Editor-in-Chief of Microcomputers for Information Management. Directed the internationally known multimedia PROJECT EMPEROR-I to enhance public understanding of the humanities. She has received many awards, including the Outstanding Information Science Teacher Award of the American Society for Information Science, and The Library Information Technology Association's Award for Achievement in Library and Information Technology. A Fellow of the American Association for the Advancement of Science.

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