



Board of Governors  
Peter C. Aldrich  
Leon Botstein  
David A. Levy,  
Vice Chairman  
Leon Levy  
S Jay Levy, Chairman  
Jack Nash  
Dimitri Papadimitriou,  
Executive Director

Board of Advisors  
Philip Caldwell  
Charles P. Kindleberger  
Lord Harold Lever  
Hyman Minsky  
Franco Modigliani  
Sen. Daniel Patrick Moynihan  
Eugene Rotberg  
James Tobin

## 1989 RESEARCH WORKSHOP

### COMPUTATION AND INFORMATION TECHNOLOGIES: GROWTH, PRODUCTIVITY AND EMPLOYMENT IMPLICATIONS

#### Agenda

Wednesday, June 14th

8:00 - 10:00 CONTINENTAL BREAKFAST--  
Shafer and Rovere Living Rooms

#### Workshop Sessions--Blithewood Room 203

10:30 - 12:30 New Patterns in the Organization of Work:  
Productivity, Production Quality & Quality of  
Work

BARBARA GUTEK - Human Aspects of New  
Informational Technology

SEYMOUR MELMAN - Flexible Manufacturing Systems

Commentator and Session Chair - PETER ALBIN

12:45 - 2:00 LUNCH--Blithewood

3:00 - 5:00 Structural Approaches to Technical Change

VIRENDRA SINGH - Direct and Indirect Labor  
Productivity

FAYE DUCHIN - Input-Output Representation of  
Technical Change

EDWARD WOLFF - Unbalanced Growth

Commentator and Session Chair -  
MICHAEL LANDESMAN

5:15 - 6:15 DINNER--Blithewood

Thursday, June 15th

8:00 - 9:15 BREAKFAST--Blithewood

Workshop Sessions--Blithewood Room 203

9:30 - 12:00 Emerging Occupational & Employment Dynamics

PASCAL PETIT - Structural Change and  
Unemployment in a Medium Developed Open  
Economy: The Case of France

RONALD SHETTKAT - Technological Unemployment  
in Germany

EILEEN APPELBAUM - Structural Change and  
Employment Growth in the U.S.

Commentator and Session Chair - DONALD HARRIS

12:15 - 1:30 LUNCH--Blithewood

2:30 - 4:30 C & I Technology: Impacts on Administrative  
and Organizational Structures

JAMES BENIGER - "The Control Revolution"

LARRY HIRSCHHORN - Organizational Structures

Commentator and Session Chair - BARBARA GUTER

6:30 - 7:45 DINNER--Blithewood

Panel Discussion--Blithewood Room 203

8:00 - 9:15 New Techniques & Approaches in Economic  
Analysis

PETER ALBIN  
GEOFF HEAL  
DONALD HARRIS  
EDWARD WOLFF  
WILLI SEMMLER

Friday, June 16th

8:00 - 9:15 BREAKFAST--Blithewood

Workshop Sessions--Blithewood Room 203

9:30 - 12:00 Information & Computation Technologies in  
Economic Theory

PETER ALBIN - Parallel Structures  
DONALD HARRIS - "Broken" Growth  
GEOFF HEAL - Economies of Scale

Commentator and Session Chair - WILLI SEMMLER

12:15 - 1:30 LUNCH--Blithewood

2:30 - 5:00 Technology Policy - Competitiveness Issues

JAMES GALBRAITH - "The Balancing Act"  
JOHN ALIC - Spillovers from Defense  
ALAN MC ADAMS - Super Computers

Commentator and Session Chair - SEYMOUR MELMAN

6:00 - 6:30 RECEPTION

6:30 - 8:00 DINNER--Blithewood

Panel Discussion--Blithewood Room 203

8:00 - 9:30 Industrial Policy, Technical Leadership and  
International Competitiveness

JOHN ALIC  
JAMES GALBRAITH  
FAYE DUCHIN  
MICHAEL LANDESMAN  
ALAN MC ADAMS  
SEYMOUR MELMAN

Saturday, June 17th

8:00 - 9:15 BREAKFAST--Blithewood

Panel Discussion--Blithewood Room 203

9:30 - 11:00 Labor Markets, Employment and Educational  
Policy

EILEEN APPELBAUM  
BARBARA GUTEK  
MICHAEL LANDESMAN  
PASCAL PETIT  
RONALD SHETTKAT

11:30 - 1:00 LUNCH--Blithewood