

## LIST OF PAPERS PRESENTED

**Session 1. *The Computer and Government Statistical Systems***

Electronic Processing of the Data of Mexico's 1970 Population Census

RUBEN GLEASON GALICIA and collaborators, Direccion General de Estadistica, Mexico

Computerized Reporting of Census Data for Small Areas: A Promising New Technique for the 70s

GEORGE H. BROWN, U.S. Bureau of the Census

The Statistical System of Brazil

ISAAC KERSTENETZKY and A. C. OLINTO, IGBE, Brazil

The Computer and Government Statistics

IVAN P. FELLEGI and SIMON GOLDBERG, Statistics Canada

**Session 2. *Data Banks and Computer Centers***

The CELADE Data Bank

JULIO MORALES, CELADE, Chile

Computer Centers in Venezuela

CARLOS DOMINGO, Universidad Central, Venezuela

The NBER Times Series Data Bank

CHARLOTTE BOSCHAN, National Bureau of Economic Research, USA

Micro-economic Data Banks: Problems and Potential

HAROLD WATTS, University of Wisconsin, USA

**Session 3. *Computer Simulation Models***

A Simulation Model of the Economy of Brazil

THOMAS H. NAYLOR, Duke University, USA; MARTIN SHUBIK, Yale University, USA; MOACYR FIORAVANTE, Vargas Foundation, Brazil; and IBRAHIM A. S. IBRAHIM, Duke University, USA

Uses of Tax Files Combined with Field Surveys

BENJAMIN OKNER and JOSEPH PECHMAN, The Brookings Institution, USA

Comparative Simulation Analysis of Social Security Systems

JAMES H. SCHULZ, Brandeis University, USA

Microanalytic Simulation of Household Behavior

HAROLD W. GUTHRIE, GUY H. ORCUTT, STEVEN CALDWELL, GERALD E. PEABODY, and GEORGE SADOWSKY, Urban Institute, USA

The Argentine Cattle Cycle—A Simulation Model of an Economic Sector

JULIO GAMBA, Universidad de Buenos Aires, Argentina

**Session 4. *Macroeconomic Models***

Development Models for the Brazilian Economy

JANES DE SOUZA, Fundação Getulio Vargas, and JORGE VIANNA MONTEIRO, Pontificia Universidade Catolica do Rio de Janeiro, Brazil

Macroeconometric Model Building in Latin America: The Mexican Case

ABEL BELTRAN DEL RIO and LAWRENCE R. KLEIN, University of Pennsylvania, USA

**Economic Alternatives for Mexico: A Quantitative Analysis**

ALAN S. MANNE, Stanford University, USA

**Development Alternatives Under Conditions of Reduced External Dependence**

ALEJANDRO FOXLEY, Universidad Catolica de Chile

**Session 5. Round Table on the Computer and Society***Panel Members:* JOHN MEYER, National Bureau of Economic Research and Yale University, USA

SHERMAN MAISEL, Board of Governors of the Federal Reserve System, USA

SANTIAGO FRIEDMAN, Organization of American States

GUSTAVO POLLITZER, Universidad de Buenos Aires, Argentina

**Session 6. Demography, Manpower, Employment, and Education****The Use of the Computer to Generate Family Data Based on Information in the Census of Population**

VALDECIR F. LOPES, CELADE, Chile

**The Short-Term Demand and Supply of Manpower**

ALEJANDRO GRAJAL, Universidad Catolica Andres Bello, Venezuela

**A Simulation Model of Student Flow in Mexican Education**

ERNESTO SCHIEFELBEIN, Centro de Estudios Educativos en Mexico

**The Role of the Computer in the Processing of Life Histories**

HARLEY BROWNING, University of Texas, USA

**A Model of the Interrelations between Demographic and Economic Variables**

ANGEL FUCARACCIO and CARMEN ARRETX, CELADE, Chile

**Session 7. International Comparisons of Income, Consumption, and Prices****International Trade Prices and Price Proxies**

IRVING KRAVIS, University of Pennsylvania, and ROBERT E. LIPSEY, National Bureau of Economic Research, USA

**Computing Aspects of Latin American Comparisons of Consumption and Income**

HOWARD HOWE and ROBERTO VILLAVECES, The Brookings Institution, USA

**The Use of the Computer in Handling Large Price Files**

JORGE SALAZAR-CARRILLO, The Brookings Institution, USA

**The Experience of the European Economic Community in Calculating Price Comparisons**

S. RONCHETTI and M. BERTAUD, Statistical Office of the European Communities, Luxembourg

**Session 8. International Trade Patterns and Commodity Markets****Indicators of Protection and of the Other Incentive Measures**

BELA BALASSA, IBRD, and DANIEL SCHYDLOWSKY, Harvard University, USA

**A Preliminary Assessment of UNCTAD Trade Projections for Developing Countries**

JULIAN GOMEZ and V. K. SASTRY, UNCTAD

Alternative Policies of Foreign Trade and Economic Development Analyzed  
on the Basis of Numerical Experimentation

JUAN PABLO PEREZ CASTILLO, LOURDES YERO, and LUIS LEAL, Universidad  
Central de Venezuela

An Example of Computer Simulation of Economic Development: The Effects  
of Alternative Trade Policies on the Colombian Economy

HAROLD LUFT, Harvard University, USA

**Session 9. Summary Session**

*Rapporteurs:* RICHARD RUGGLES, Yale University and National Bureau of  
Economic Research, USA

AFFONSO PASTORE, Universidade de Sao Paulo, Brazil

