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## ANNOUNCEMENTS

### NPL/CPIS COMPUTER PROGRAM ABSTRACT COLLECTION

The Data and Program Library Service for the Social Sciences at the University of Wisconsin announces the availability of a collection of computer program abstracts pertaining to software of utility to social science researchers. This effort is sponsored by the National Science Foundation as part of a project entitled "A National Program Library and Central Program Inventory Service for the Social Sciences (NPL/CPIS)" which was initiated in the latter part of 1969. The information contained in each of these brief abstracts is sufficient to enable a user to make a tentative judgement whether or not a program contained in the collection will satisfy his individual computing and hardware requirements, and therefore justify the acquisition of the program source code for his own local use.

Each abstract contains descriptive information about the computer program's function, usage, source language, hardware configuration and distribution source. The collection consists of programs primarily of a data management and statistical analysis nature, but other computing capabilities are also represented in the collection. The distribution source cited in each abstract has indicated a willingness to avail the source code and requisite documentation for the indicated program to researchers on a non-profit basis, but since administrative policies vary so greatly among the different program sources no single distribution policy can be applied to all programs listed in the collection. The bulk of the program distribution sources represented in the abstract collection are comprised of University and other research computing installations.

Two forms of the NPL/CPIS abstract collection are available, and both were generated using computer-assisted techniques to create index and cross reference accesses to the abstracts in the collection. One form is a rather bulky, but perhaps more user oriented, version which is intended for "reference room" use while the other version is more compact and is intended for "individual office" use. It is anticipated that some one thousand abstracts will be contained in the collection at the time of the publication of this announcement. The current collection is by no means exhaustive nor complete, so it is hoped that the availability of the collection will stimulate additions to the collection as well as aid researchers in locating specific types of computer programs. In this context, periodic update releases of the NPL/CPIS abstract collection are anticipated as the collection evolves.

For more detailed information about acquiring the current release of the NPL/CPIS abstract collection or including additional program abstracts in subsequent releases of the NPL/CPIS abstract collection please contact:

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CONFERENCE ON THE ROLE OF THE COMPUTER IN  
ECONOMIC AND SOCIAL RESEARCH IN LATIN AMERICA  
(Cuernavaca, Mexico, October 25-29, 1971)

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PROGRAM

(The symbols indicate the language and status of the papers)

Session 1. *The Computer and Government Statistical Systems*, Chairman:  
Richard Ruggles, Yale University and National Bureau of Economic  
Research, USA

EA, S\*    1. *The Processing of the Ninth General Census of Population in  
Mexico*  
Ruben Gleason Galicia and Collaborators, Dirección General  
de Estadística, México.

Discussant: Juan Sourrouille, Argentina

EA, E\*    2. *Computerized Reporting of Census Data for Small Areas: A  
Promising New Technique for the 70's*  
George H. Brown, U.S. Bureau of the Census  
Discussant: Bernardo Ferran, Banco Central de Venezuela

P\*        3. *The Statistical System of Brazil*  
Isaac Kerstenetzky, E. A. N. Borba, and A. C. Olinto, IBGE, Brazil  
Discussant: Enrique Cansado, CIENES, Chile

EA, E\*    4. *The Computer and Government Statistics*  
Ivan Felligi and Simon Goldberg, Statistics Canada  
Discussant: Carlos Petit, IBM World Trade Corporation, USA

*Special Papers:*

EA, S\*    5. *The Application of Computers in the Economic and Social Fields  
in a Developing Country: Cuba*  
Orlando Carnota Lauzán, Instituto de Economía, Universidad  
de la Habana, Cuba

S\*        6. *The National Inscription Service: A System of National Informa-  
tion*  
Ernesto Rojas Morales and Alfonso González Caro, Departamento  
Administrativo Nacional de Estadística, Colombia

NA        7. *Systemization of the brands and patents register*  
Francisco Brückner Sandoval and Tubal González Téllez, Departa-  
mento Administrati Nacional de Estadística, Colombia

- SP\* 8. *Towards an Integrated System of Statistical Data Processing*  
Nicolás Dib David, Augusto Hernández López and Hernando Pulido Osuna, Departamento Administrativo Nacional de Estadística, Colombia

Session 2. *Data Banks and Computer Centers*. Chairman: Pascual Palazzo, FIEL, Argentina

- S\* 1. *Computer Centers in Venezuela*  
Carlos Domingo, Universidad Central, Venezuela  
Discussant: Ernesto Rojas Morales, DANE, Colombia
- E\* 2. *NBER Time Series Data Bank*  
Charlotte Boschan, National Bureau of Economic Research, USA  
Discussant: George Sadowsky, Urban Institute, USA
- EA, E\* 3. *Micro-Economic Data Banks: Problems and Potential*  
Harold Watts, University of Wisconsin, USA  
Discussant: Stanley Lebergott, Wesleyan University, USA  
*Special Paper:*
- EA, S\* 4. *The CELADE Data Bank*  
Julio Morales, CELADE, Santiago, Chile

Session 3. *Computer Simulation Models*. Chairman: Alberto Petrecolla, Instituto Torcuato Di Tella, Argentina

- EA, E\* 1. *A Simulation Model of the Economy of Brazil*  
Thomas H. Naylor, Duke University, USA; Martin Shubik, Yale University, USA; Moacyr Fioravante, Fundação Getulio Vargas; and Jorge Vianna Monteiro, Catholic University of Rio de Janeiro  
Discussant: Antonio Barrera, Fundación para la Educación Superior y el Desarrollo, Bogotá, Colombia
- E\* 2. *Uses of Tax Files Combined with Field Surveys*  
Benjamin Okner and Joseph Pechman, The Brookings Institution, USA  
Discussant: Sherman Maisel, Board of Governors of the Federal Reserve System, USA
- EA, E\* 3. *Comparative Simulation Analysis of Social Security Systems*  
James H. Schulz, Brandeis University, USA  
Discussant: Irma Adelman, I.B.R.D., USA
- EA, E\* 4. *Microanalytic Simulation of Household Behavior*  
Guy Orcutt, Harold Guthrie, Steven Caldwell, Sarah Kelly, Gerald Peabody and George Sadowsky, The Urban Institute, USA  
Discussant: Martin Shubik, Yale University, USA
- E\* 5. *The Argentine Cattle Cycle—A Simulation Model of an Economic Sector*  
Julio Gamba, Universidad de Buenos Aires, Argentina  
Discussant: David Kresge, New York University and National Bureau of Economic Research, USA

Session 4. Macro-Economic Models. Chairman:

- EA, E\* 1. *Models for the Brazilian Economy*  
Janes de Souza, Fundação Getulio Vargas and Jorge Vianna Monteiro, Pontificia Universidade Católica do Rio de Janeiro, Brazil  
Discussant: Denise R. Rausch Ford, University of British Columbia, Canada
- EA, E\* 2. *Macro-Econometric Model Building in Latin America: The Mexican Case*  
Abel Beltrán del Rio and Lawrence Klein, University of Pennsylvania, USA  
Discussants: J. Dagnino Pastore, FIEL, Argentina and Leopoldo Solís, Secretaría de la Presidencia, México
- EA, E\* 3. *Economic Alternatives for Mexico: A Quantitative Analysis*  
Alan S. Manne, Stanford University, USA  
Discussant: Saúl Trejo, Secretaría de la Presidencia, México
- EA, S\* 4. *Development Alternatives Under Conditions of Reduced External Dependence*  
Alejandro Foxley, Universidad Católica, Chile  
Discussant: Eduardo Garcia, Universidad Católica, 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; Chairman:  
Victor L. Urquidi, El Colegio de México

- EA, S\* 1. *The Use of the Computer to Generate Family Data based on Information in The Census of Population*  
Valdecir F. Lopes, CELADE, Chile  
Discussant: Ricardo Alvarado, El Colegio de México
- S\* 2. *The Short-Term Demand and Supply of Manpower*  
Alejandro Grajal, Centro de Estudios del Futuro, Universidad Católica Andres Bello, Venezuela  
Discussant: M. Ishaq Nadiri, National Bureau of Economic Research, USA
- EA, S\* 3. *A Simulation Model of Student Flow in Mexican Education*  
Ernesto Schiefelbein, UNESCO, Chile  
Discussant: Gustavo Cabrera, El Colegio de México
- EA, E\* 4. *The Role of the Computer in the Processing of Life Histories*  
Harley Browning, Population Research Center, University of Texas, USA

Discussant: Leon Tabah, Institut National D'Etudes Demographiques, France

SA, S\* A *Model of Interrelations between Demographic and Economic Variables*

Angei Bucaraccio and Carman Arretx, CELADE, Chile

Discussant: Paul Demeny, Population Studies Program, East-West Center, Honolulu, USA

Session 7. International Comparisons of Income, Consumption and Prices.

Chairman: Joseph Grunwald, The Brookings Institution, USA

EA, E\* 1. *International Trade Prices and Price Proxies*

Irving Kravis, University of Pennsylvania and National Bureau of Economic Research, and Robert Lipsey, Queens College and National Bureau of Economic Research

Discussant: Arturo Meyer, The Brookings Institution, USA

EA, E\* 2. *Data Preparation for Latin American Comparisons of Consumption*

Howard Howe and Roberto Villaveces, The Brookings Institution, USA

Discussant: Roger Betancourt, University of Maryland, USA

EA, E\* 3. *The Use of the Computer in Handling Large Price Files*

Jorge Salazar, The Brookings Institution, USA

Discussant: Zoltán Kenessey, United Nations

FA, F\* 4. *Experience of the Statistical Office of the European Communities in Price Comparisons for Calculating Rates of Equivalents in Member States of the EEC, 1954-1970*

Silvio Ronchetti and Guy Bertaud, European Economic Community, Luxembourg

Discussant: Joel Popkin, Bureau of Labor Statistics, USA

Session 8. International Trade Patterns and Commodity Markets. Chairman:

Norberto González, ILPES, Chile

EA, E\* 1. *Indicators of Protection and of the Other Incentive Measures*

Bela Balassa, I.B.R.D. and Johns Hopkins University, and Daniel Schydrowsky, Harvard University, USA

Discussant: Carlos Diaz-Alejandro, Yale University, USA

EA, E\* 2. *A Preliminary Assessment of UNCTAD Trade Projections for Under-developed Countries*

Julian Gomez and V. K. Sastry, UNCTAD

Discussant: Eligio Aldes, ILPES, Chile

SA, S\* 3. *Policies of Foreign Trade and Economic Development Analyzed on the Basis of Numerical Experimentation*

Juan Pablo Pérez Castillo, Lourdes Yero and Luis Leal, Universidad Central de Venezuela

Discussant: Juan Ayza, ILPES, Chile

- SA, E\*     4. *An Example of Computer Simulation of Economic Development: The Effects of Alternative Trade Policies in the Colombian Economy*  
 Harold Luft, Harvard University, USA  
 Discussant: Gustav Ranis, Yale University, USA

Session 9. Summary Session

Rapporteurs: Richard Ruggles, National Bureau of Economic Research, Yale University  
 Afonso Celso Pastore, Faculdade do Economia e Administraçao, Universidade do São Paulo

*Meanings of Symbols*

*	Paper available	S	Spanish
A	Abstract available	F	French
E	English	NA	Not available
P	Portuguese		

*List of Organizational Abbreviations*

CELADE	Centro Latinoamericano de Demografia
CEPLAN	Centro de Estudios de Planificación Nacional
DANE	Departamento Administrativo Nacional de Estadística
FIEL	Fundación de Investigaciones Económicas Latinoamericanas
IBGE	Instituto Brasileiro de Geografia e Economia
IBM	International Business Machines Corp.
ILPES	Instituto Latinoamericano para Estudios Económicos y Sociales
IBRD	International Bank for Reconstruction and Development
UNCTAD	United Nations Trade and Development Organization
UNESCO	United Nations Educational, Social, and Cultural Organization

Individuals interested in particular papers should contact Neville Beharie, NBER, 261 Madison Avenue, New York, NY, 10016.