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TIMS Meeting Schedule 1966—69

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TIMS Meeting Schedule 1966-69

PHILADELPHIA, September 6-8, 1966. Thirteenth International Meeting to be held in the Marriott Motor Hotel. Meeting Chairman: TIBOR FABIAN.

WARSAW, September 2-7, 1966. European Section meeting held jointly with the Econometric Society. Meeting Chairman for TIMS: J. ABADIE (France).

BOSTON, Statler-Hilton Hotel, April 5-7, 1967. American Meeting of TIMS. Meeting Chairman: H. J. MISER.

MEXICO CITY, August 22-25, 1967. Fourteenth International Meeting of TIMS. Meeting Chairman: A. CHARNES and W. W. COOPER.

LOS ANGELES, Spring 1968. American Meeting of TIMS to be held jointly with ORSA. Meeting Chairman for TIMS: R. VAN HORN.

CLEVELAND, Fall 1968. Fifteenth International Meeting of TIMS. Meeting Chairman: L. ARNOFF.

SOUTHEAST UNITED STATES, Spring 1969. American Meeting of TIMS.

EUROPE, Summer 1969.

NEW YORK, Fall 1969. Sixteenth International Meeting of TIMS. Meeting Chairman: S. LITTAUER.

AAAS Meetings Sessions Sponsored by TIMS

Each year, TIMS sponsors sessions at the AAAS meeting held December 26-31. BURTON V. DEAN is the Chairman of these sessions.

In 1966, the AAAS meeting will be held in Washington, D.C. **Special Theme:** "Conservation—How man has changed his planet." Dates: 26-31 December 1966. **Location:** Washington, D.C.; Sheraton-ark Hotel will be headquarters for AAAS as a whole, but many AAAS sections and other societies meeting with AAAS will be headquartered at the Shoreham and Washington Hilton Hotels. **For More Information:** Contact R.L. Taylor, Associate Administrative Secretary, AAAS, 1515 Massachusetts Ave., N.W., Washington, D.C. 20005.

Meeting of TIMS in Boston in April, 1967

Members of the Boston Chapter are making preparations for the national meeting of TIMS to be held in Boston on April 5-7, 1967. The tentative theme of the meeting is, "Management Science and Long Range Planning."

Contributed papers should be mailed to Prof. D. C. Carroll, Sloan School of Management, MIT, Cambridge, Massachusetts 02139, by October 1, 1966 along with a 150 word abstract.

The following organization is guiding the development of the program:

General Chairman	H. Miser
Vice Chairman	J. McKenney
Program Chairman	R. Mennell, S. Buchin and N. Waks
Publicity	R. Cuomo

14th International Meeting of TIMS in Mexico in August, 1967

For the 14th International Meetings of The Institute of Management Sciences in Mexico City, 22, 23, 24, 25, August, 1967, each member of the program committee has been assigned responsibility for organizing a session on a particular topic of interest as follows:

<i>Topic*</i>	<i>Name and Affiliation or Address of Organizer</i>
Management Sciences—Needs and Opportunities in Latin America	Ing. Sergio Beltran Centro De Calculo Electronico Ciudad Universitaria Mexico 20, D. F. Mexico
Education for Management and Management Science	Dr. Gaetano Cortesi Vice President Istituto Per la Ricostruzione Industriale Vio Vittorio Veneto, 89 Roma, Italy
Management Science Activities—Europe	Professor Jacques Drèze, Director Center for Operations Research and Econometrics 2, Rue Des Doyens Louvain, Belgium
Automation, Computation and Control of Factory Operations	Dr. Samuel Eilon Imperial College of Science and Technology 14 Princes Gardens London S.W.7, England
Models for Controlling and Guiding Growth	Professor Santiago I. Friedmann Centro de Planeamiento Facultad de Ciencias Fisicas y Matematicas Universidad de Chile Casilla 2777 Santiago, Chile
Plant Location and Country Development	Professor Alan S. Manne† American Embassy—AID APO New York 09675
Management Science in Government and Public Administration	Ing. Isidoro Marin Avda. Angel Gallardo 736 Buenos Aires—R. 5 Argentina

<i>Topic*</i>	<i>Name and Affiliation or Address of Organizer</i>
Traffic and Transportation Planning	Professor Sigeiti Moriguti Faculty of Engineering Department of Mathematical Engineering and Instrumentation Physics University of Tokyo Bunkyo-Ku Tokyo, Japan
Computation and Solution of Large Scale Problems in Management and Economics	Professor Wiestan Sadowski** Rakowiecka 6 m. 30D Warszawa 13, Poland
Computation and Simulation of Individual and Organizational Behavior	Professor Maynard W. Shelly Department of Psychology The University of Kansas Lawrence, Kansas 66045
Man-Machine Systems and Their Place in Economic Planning	Dr. I. M. Siroyezhin Laboratory of Mathematics in Economics Leningrad University Leningrad V-164, USSR

There may be subsequent expansion or alterations in the above program and in any event two Contributed Papers sessions are planned so that, in the meantime, persons who have abstracts or papers to submit should send them directly to either of the program chairmen as follows:

1. Professor A. Charnes
Technological Institute
Northwestern University
Evanston, Illinois
2. Professor W. W. Cooper
Graduate School of Industrial Administration
Carnegie Institute of Technology
Pittsburgh, Pennsylvania

Finally, special provisions will be made for College and other TIMS related activities. Correspondence concerning such matters should be directed to:

Dr. Gustave Rath
Dept. of Industrial Engr. and Management Sciences
Technological Institute
Northwestern University
Evanston, Illinois

†On leave from Stanford to work in India. Current postal address.

*All titles are provisional only and subject to revision without notice.

**Invitation extended. Acceptance not yet received.

**Joint European Meeting
of the Econometric Society
and the Institute of Management Sciences
Warsaw, September 2-7, 1966**

The European Meeting of ES and TIMS will be held in Warsaw from 2nd to 7th September, 1966 (2nd and 3rd for ES; 5th: Joint Session; 6th and 7th for TIMS).

The Chairmen for TIMS are:

General Chairman: J. Abadie (Electricité de France, Paris France)

Program Chairmen: H. Künzi (University of Zürich, Rämistrasse 71, Zürich, Switzerland), and W. Sandowski

The local organizing Committee is headed by K. Romaniuk, Chairman, Professor of Economic Statistics, Central School of Planning and Statistics, Ul, Falata, 2/54, Warsaw, and I. Epsztejn, Vice-Chairman, Director of the Institute of Economics and Organization of Industry, Plac 3 Krzyzy 3/5, Warsaw.

PRELIMINARY PROGRAM

The Program of the 2nd and 3rd of September, reserved for the Econometric Society, will be published elsewhere.

Monday, 5 September 1966
9:30 AM—Joint Session of ES and TIMS
Chairman: M. BOITEUX (France)

There will be an official address and three papers by invited speakers: one from Western Europe (P. MASSÉ, France, formerly "Commissaire Général au Plan"), one from Eastern Europe, and one from U.S.A.

Monday, 5 September 1966—3 PM

A—MATHEMATICAL PROGRAMMING I

L. IVANESCU, S. RUDEANU (Romania)

Boolean methods in the Operations Research.

P. HUARD (France)

Résolution de Programmes Mathématiques à variables bivalentes.

E. GOLSHTEIN (USSR)

Methods of solving linear programming problems of special structure.

Ph. HERVÉ (France)

A method for solving mixed integer programming problems, with two-valued integer variables.

B. ROY (France)

Problèmes combinatoires sur un graphe.

V. PETEANU (Romania)

On the compatibility of the simple scheduling problem.

Monday, 5 September 1966—3 PM

**B—SOME APPLICATIONS OF THE INPUT-OUTPUT MODEL
IN THE USA**

B *Chairman:* Roy HERRMANN (USA)

J. ALTERMAN (USA)

Integracy growth study.

M. WOOD (USA)

PARM—an economic programming model.

A. CARTER (USA)

Changes in the structure of the American Economy.

S. NOBLE (USA)

Models of resource flows to handle technological change.

Monday, 5 September 1966—3 PM

**C—MATHEMATICAL PROGRAMMING AND ITS APPLICATIONS TO
PLANNING**

J. YERMOLIEV (USSR)

Mathematical methods of analysing extremum problems on graphs and their application to planning and management.

E. ADAM (G.D.R.)

The construction of management algorithms in integrated economic systems.

J. SKOLKA, M. ČERNÝ (Czechoslovakia)

Outline of an optimum long-term plan model.

P. KOVÁCS (Hungary)

Information processing and national economic planning.

M. LESZ (Poland)

Optimization of the economic plan in the conditions of prices variations.

A. KACENELINBOIGEN, J. OVSIENKO, E. FIREMAN (USSR)

Towards the theory of optimal planning of the national economy.

Monday, 5 September 1966—3 PM

D—BUSINESS-PLANNING

D. COTTON (USA)

Evolution of business planning system.

O. STRADAL (Czechoslovakia)

Planning strategy in building.

C. JONES (USA)

A heuristic approach to planning aggregate work-force and production.

R. FERON (France)

Quelques remarques sur la production optimale de l'entreprise.

G. SYMONDS (USA)

A study of consumer behaviour by use of competitive business games.

L. MEGGINSON (USA)

The interrelationship and interaction between the cultural environment and managerial effectiveness.

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Tuesday, 6 September 1966—9:30 AM

A—MATHEMATICAL PROGRAMMING II

- J. ABADIE (France), J. CARPENTIER (Greece)
Généralisation de la méthode du gradient réduit de Wolfe au cas des contraintes non-linéaires.
- M. GERMANOW (Bulgaria)
Une méthode de la programmation non-linéaire.
- A. CHARNES, W. COOPER, K. KORTANEK (USA)
On the theory of semi-infinite programming and some generalization of Kuhn-Tucker saddle point theorems for arbitrary convex functions.
- V. MIKHELEVICH (USSR)
Sequential optimization methods in the solution of economic problems.
- T. PIETRZYKOWSKI (Poland)
Potential methods in non-linear programming.
- L. UNCOVSKY (Czechoslovakia)
The method of control sums for the simplex-algorithm.

Tuesday, 6 September 1966—9:30 AM

B—PLANNING/DECISIONS I

- A. MERCER (U.K.)
A management science approach to a problem of organisation structure.
- A. LAŠČIAK (Czechoslovakia)
Multistage long range planning in centralized and decentralized management.
- K. RAUCHHAUS, (G.D.R.)
The use of multi-stage optimization calculations in solving extensive optimization models in the planning and managing of more than one enterprise.
- I. THYGESEN (Denmark)
Liquidity preference in capital investment planning.
- W. AMESBURY (USA)
A system approach to R. and D. equipment management.
- I. POPCHEV (Bulgaria)
Probabilistic method of evaluating the operation efficiency of large system.

Tuesday, 6 September 1966—9:30 AM

C—COMPUTERS WITH APPLICATIONS AND CYBERNETICS

- J. R. MULLER (USA)
Management control through business system engineering.
- J. A. OLEJNIK (USSR)
Basic principles of projecting automatic system for autotransport management.
- P. HENDERSON (USA)
Logic-level notation: an operational language for user-oriented expression of data-retrieval specifications.

- J. I. CHERNIAK (USSR)
Economic cybernetics and management science.
- P. HANIKA (Sudan)
Cybernetics and general systems theory as basis of undergraduate business administration teaching.
- M. URETSKY (USA)
An attempt to obtain a measure of information system reliability.

Tuesday, 6 September 1966—9:30 AM

D—EXPERIENCES IN THE APPLICATION OF PROGRAMMING TECHNIQUE I

- P. BOD (Hungary)
Sur les expériences acquises dans une programmation linéaire de l'industrie alimentaire, exécuté à propos de l'établissement du troisième plan quinquennal de la République Populaire Hongroise.
- B. AVI-ITZHAK (Israël), J. BLECHER (Israël), S. SALTZMAN (USA)
Mathematical and simulation models for terminal airport flow.
- V. POZIVIL (Czechoslovakia)
The application of linear programming and automatic computers to determination of the optimum allocation of orders to stands of rolls in a cold-rolling mill.
- S. GIELNIK (U.K.)
Applications of linear programming to buying of raw materials and allocation to consuming units.
- J. MYCIELSKI, W. TRZECIAKOWSKI (Poland)
The model of effectiveness of fast recouperating investments.
- V. MLEJNSKY (Czechoslovakia)
The application of automatic computers and methods of mathematical programming to production control in a sheet cold-rolling industry.

Tuesday, 6 September 1966—3 PM

A—GENERAL AND SPECIAL TRANSPORTATION PROBLEMS

- A. BAKAIEV (USSR)
Application of mathematical methods and computers to planning transport works.
Experience and results.
- P. PRUZAN, J. JACKSON (Denmark)
The many-product cargo loading problem.
- W. GRABOWSKI, W. SZWARC (Poland)
Optimal transportation bases.
- C. CHAPMAN, K. HALEY (U.K.)
Resource scheduling to fulfill a partially variable timetable.
- A. VADNAL (Yugoslavia)
Some new methods of solving the optimum location of roads.
- M. GRIGORIADIS, W. WALKER (USA)
A treatment of transportation problems by primal partition programming.

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Tuesday, 6 September 1966—3 PM

B—PLANNING AND MARKETING

- J. BRENNER (USA)
Properties of exponential smoothing formulas.
- M. ALEXIS (USA)
Application of Statistical Decision Theory to some problems in Marketing Management.
- R. MEYER (USA)
Forecasting spare parts demand:
historical extrapolation versus a replacement model.
- Z. PIASECKI (Poland)
The optimization of regional repair services system.
- O. NORD (Denmark)
Industrial dynamics and its application to corporate growth problems.
- S. GANCZER (Hungary)
Price computations and the analysis of main economic proportions.

Tuesday, 6 September 1966—3 PM

C—MATHEMATICAL PROGRAMMING III

- V. MAKAROV, A. RUBINOV (USSR)
The analysis of the asymptote of optimal trajectory in the linear economic models.
- A. FIACCO, G. McCORMICK (USA)
A dual method for convex programming.
- G. RUBINSTEIN (USSR)
About one extremum problem in linear normalized space.
- J. SHAPIRO, H. WAGNER (USA)
A finite renewal algorithm for the Knapsack and Turnpike Models.
- J. LOS (Poland)
What means "horizon" in economical programming problems.
- J. BLIKLE, J. LOS (Poland)
Horizon in dynamic programs with continuous time.

Tuesday, 6 September 1966—3 PM

**D—EXPERIENCES IN THE APPLICATION OF
PROGRAMMING TECHNIQUE II**

- V. YUKURBA (USSR)
Production planning and management in the conditions of automatic system of plant's management.
- R. EHRMAN (France)
Vérification automatique des programmes d'enclenchements de chemin de fer.
- M. LEINEKUGEL, N. STEINBERG (France)
L'application de la programmation dynamique au choix de la politique des investissements en commutation téléphonique.

- F. CSAGOLY, G. SIMON, F. KISS (Hungary)
Some economic and mathematical problems of an Input-Output model for the hungarian heavy industry.
- J. ZATKA (Czechoslovakia)
Mathematical modeling of production in the metallurgical primary production.
- J. CZARNY (Poland)
The experiences in the application of linear programming to Polish industry.

Wednesday, 7 September 1966—9:30 AM

A—GAME THEORY, STOCHASTIC EVENTS, AND WAITING LINES

- B. BEREANU (Romania)
The derivation of an economic process under optimal conditions and applications to investment problem.
- J. McCALL (USA)
Preventive medicine policies.
- R. WETS (USA)
Review and previews on stochastic programming.
- P. KALL (Switzerland)
On the structure of two stage linear programs under uncertainty.
- D. BORCHERS (Switzerland)
Analysis of a class of stochastic service systems with a finite number of recirculating customers.
- R. CYERT, G. THOMPSON (USA)
Controlling credit risks by Markov chains.
- J. TORRENS-IBERN (Spain)
Gestion optimale de la production pour une demande aléatoire.

Wednesday, 7 September 1966—9:30 AM

B—PLANNING/DECISIONS II

- V. MASH (USSR)
Inter-regional and inter-industrial model of long-range optimal planning, computational techniques of its solution.
- T. OBERBECK (USA)
Preliminary investigation of long-range planning in multi-national corporation with respect to their research, development, and education functions.
- J. RUDOLPH (G.D.R.)
Integrated planning and management information systems /IMIS/ in socialist economy.
- H. MEAL (Switzerland)
Company models and investment decisions.
- M. GRENIOWSKI (Poland)
Some remarks on the time-relations of management processes.
- D. MEADOWS (USA)
Accuracy of technical estimates for use in industrial research planning.

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Wednesday, 7 September 1966—9:30 AM

C—NETWORK TECHNIQUE/INVENTORY

- J. MEIJ, A. BOSMAN (Netherlands)
Network planning and budgeting.
- N. SHOR (USSR)
Elaboration of mathematical methods of network planning and management in the USSR.
- P. MEDOW (USA)
Some applications of functional management networks to international economic relations.
- B. ROTHSCHILD, A. WHINSTON (USA)
On two commodity network flows.
- W. POPP (Switzerland)
A three-parameter inventory policy.
- W. FELDFORTH (Switzerland)
The parts requirement problem.

Wednesday, 7 September 1966—9:30 AM

D—ORGANIZATION AND SYSTEM ANALYSIS

- E. DALE (USA)
The organizational implications of the work of André Malraux.
- H. GRENIIEWSKI, M. KEMPISTY, B. GÓRECKI
Réseaux des objets et réseaux fonctionels / organisation et fonctionnement.
- A. MODIN (USSR)
Some problems of elaborating organization structure of automatic systems of production management.
- D. KRAUME (G.D.R.)
Methods of system analysis for the construction of integrated information systems.
- D. STOLLER (USA)
The concept of system capacity and its relationship to concepts of industrial capacity.
- S. BROUNSTEIN, J. O'HARA (USA)
A system concept for managing a national war on poverty.
- G. SALMONA, J. URVOY (France)
L'intégration des ordinateurs dans les structures de décision.

Wednesday, 7 September 1966—3 PM

A—SIMULATION

- D. BLUMBERG (USA)
Logistic analysis simulation system.
- J. BOUSSARD, M. PETIT (France)
L'analyse sur modèle des conflits d'intérêt: simulation et agrégation.
- M. BULKIN, J. COLLEY, M. STEINHOFF (USA)
Load forecasting-priority sequencing and simulation in a job shop control system.

- J. TURCAN (U.K.)
Use of simulation in evaluating the performance of production controllers.
- R. BROWN (USA)
Simulation studies of alternative job shop scheduling rules.
- N. BENCH (USA)
A general purpose simulator for forecasting demand, inventory control, production scheduling and financial analysis.

Wednesday, 7 September 1966—3 PM

B—SCIENTIFIC MANAGEMENT AND PRACTICAL OPERATIONS RESEARCH

- R. SMITH (U.K.)
Management Science of Econometrics as tools in economic decision-making with special reference to planning.
- W. BIERFELDER (G.F.R.)
The concept of rationality within general systems and management theory.
- J. BALINTFY (USA)
The application of mathematical programming to volume feeding problems.
- A. BOSMAN, J. MOL, C. VAN DE PANNE (Netherlands)
Post-optimality analysis: an application to crop rotation planning.
- R. BODING (USA)
The use of industry models for measuring corporation performance and for planning.
- J. STRINGER (U.K.)
The effectiveness of operational research in multi-organisations.

Wednesday, 7 September 1966—3 PM

C—ECONOMETRICS IN MANAGEMENT SCIENCE

- J. BERNARD (France)
Modèle d'optimisation générale économie-éducation.
- S. ROSSI (Italy)
Optimum saving problem.
- G. BERNARD (France)
Critères d'optimisation de la gestion de production.
- R. MAINIÉ (France)
La politique de crédit et ses effets globaux sur les investissements dans une industrie lourde.
- G. MICO (USA)
An economic inventory problem when the demand is life cycle.
- I. CUTOLO (Italy)
Markovian evolutive systems in economics.

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Wednesday, 7 September 1966—3 PM

D—PROGRAMMING AND MODEL-MAKING

E. BALAS (Romania)

The accelerated additive algorithm for solving linear programmes with zero-one variables.

V. SPIRIDONOV (Bulgaria)

Sur un problème de répartition.

M. WARMUS (Poland)

Linear fractional functionals programming.

S. CLEMHOUT (USA)

Measurement of socio-economic relationship for optimization of target function: a problem of variational programming.

R. GRÜTZE (G.D.R.)

Problems in model-making of economic step-by-step systems for management of the chemical industry in G.D.R.

V. BORSKY (Czechoslovakia)

Integration of models of the industry scale and the micro models.

V. ROUS (Czechoslovakia)

A model of the optimization of a blast-furnace charge.

NOTES ABOUT MEMBERS

NACHMAN BENCH has been appointed as a consultant in the areas of management science and computer applications with the City of New York.

GEORGE FISK, Chairman of the College on Management Psychology, returned from Lund to the University of Pennsylvania on June 15, 1966.

ALBERT PORTER, Professor of Business, San Jose State College, has accepted a position as Visiting Professor of Management at the University of Oregon School of Business Administration, Eugene, Oregon, for the coming academic year 1966-67.

DAVID J. STOLLER, formerly with The RAND Corporation, has been appointed Director, Division of Operations Analysis, Office of Education, Department of Health, Education, and Welfare, Washington, D.C.

JOHN E. WALSH of the System Development Corporation, has become Vice President and President-Elect of the Operations Research Society of America.

ROBERT J. WOLFSON, Principal Scientist of the System Development Corporation, has been appointed Professor of Economics at Syracuse University, effective September 1966.