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# NEWSLETTER

SOCIAL AND HUMAN FORECASTING

by Irades - Istituto Ricerche Applicate Documentazione e Studi

6, Via Paisiello, 00198 Roma

WINTER 1973

*We are happy in this final number for 1973 to be able to furnish readers of the Newsletter with news and information concerning various and perhaps more dynamic activities which are developing in the field of those who are occupied with the future, especially those who are seeking to prepare the man of today for the future. Thus we indicate Video Tapes and various activities. To all those participants in the Special World Conference 1973 who have asked us how can they keep in touch with one another and with us for an exchange of news and views, we reply that the Future Forum section of the Newsletter is at the disposal of all who wish to avail of it and that we are willing to circulate all ideas and initiatives. In point of fact, we would ask readers to use it for every type of discussion, since the rapid circulation of ideas is perhaps the most important factor in the field in which all of us are working.*

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## SCHEME

- 1 Organizations  
aims, intentions, activities of groups
- 2 Individuals  
intentions, changes of address
- 3 Events  
meetings, courses, lectures, exhibitions, etc
- 4 Activities  
on going research and studies
- 5 Publications  
recent or in press  
Future Forum

**ADVANCED CONCEPTS CENTRE**

Director Dr R W Durie

This group has been newly established by the Federal Department of the Environment to engage in future studies with a view to providing directly useful alternatives and recommendations to senior Departmental management, to provide perspectives on broad environmental issues, to provide a "look out" function to assess ecological, economic and general social implications of emerging environmental issues

Activities — Research and future studies as they affect environmental questions

- Evaluation of forecasting methods for long-range environmental planning
- Long range social and cultural implications of scientific and technological developments
- Assessment of scientific activities in Canada relating to environmental management

*(Further information Advanced Concepts Centre Department of the Environment, Ottawa, Ontario, Canada K1A 0H3)*

**ART, VIE, ESPRIT**

Founded in 1968 as a group with the intention of combating present-day materialism. The group insisted on the need to promote a "European awareness" and a life style in which art and the spirit would play a pre-eminent part. Profound changes in our university systems and in our traditional education were proposed. In 1971 the group became a movement under the same name and in the same year an Art, Vie, Esprit group took the first steps towards creating a series of publications entitled *An 2000 (The Year 2000)*, the aim of which is to circulate among the general public the solutions proposed for man's survival in the 21st century. In 1973, Art, Vie, Esprit developed into an Association, composed of an executive committee of six members and a number of circles which undertake the studies and action proposed

*We would like to underline that the Newsletter is not simply a means of information but a way of intercommunication, a service between the people who send the information and the people who receive it. This publication is a letter through which all may communicate to all*

*1) any information which is considered to be of particular interest and relevance to the efforts now being made to anticipate needs means appropriate goals, and interesting and relevant with regard to our emerging world community*

*2) any idea which may be usefully exchanged with others or concerning which information is required*

*The editing group will always be glad to meet any of the readers who happen to pass through Rome*

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*aims, intentions, activities of groups*

by the Association Here are some of the studies undertaken by the Association Life and the Spirit according to a New Ethic, The Christian Churches in a New World, The Integration of Art with Architecture, A more Human Architecture, Married Life and Family Life the Family Communities, Youth, School, University, Giving Life to the City (Clubs, Studies, Adult Education), Woman's Role in the World of Tomorrow, A More Brotherly Society (Development and Policy of Happiness), The Immigrants from the Third World and Ourselves, Protection of the Environment and Respect for Life, The Survival of Man (Hunger, Overpopulation, Pollution)

The Association publishes a monthly entitled Art, Vie, Esprit, under the editorship of Louis Empain

*(Further information Art, Vie, Esprit, 8 rue Bodenbroek, 1000 Bruxelles, Belgium)*

#### **CLUB DE AMIGOS DE LA FUTUROLOGIA**

This Club was inaugurated on November 15, 1973 in Barcelona, Spain It is a private association of voluntary workers (about 20) who carry out activities in the field of study research, documentation, promotion and information

The aim of the Club is to assimilate the new modern tendencies in futurology, in the world in general and especially in Europe, and to disseminate them, to look for new solutions to the problems that affect the world, to keep in touch with other interested groups, to organize courses, lectures, meetings

The Club intends to organize conferences every month with the participation of experts in various disciplines

(For details of Courses to be held in November and December see EVENTS)

President of the Club J M Pi Suñer

Secretary General Rosa Menasanch

*(Further information CAF, Gran Via 608, 8<sup>a</sup> Barcelona-7, Spain)*

*aims, intentions, activities of groups*

#### **COMBAT POUR L'HOMME (*Struggle for the Survival of Man*)**

This movement began in France Its aim is the international circulation of a "Manifesto for the Survival of Man", to work toward the realization of five basic conditions for human survival in the present situation, in which man is threatened by the application of science and technology and by the problems of population increase

Information from Alarm, 3, December 1972, p 1

*(Further information "Combat pour L'Homme 7, rue Boucicaud, Paris 15eme, France, or from Martin Wyatt, 12 Ormscliffe Road, Rednal, Birmingham B45 8ST England)*

#### **FUTURES RESEARCH INSTITUTE (FRI-PSU)**

Portland State University

Director Harold A Linstone

The Institute operates within the Systems Science Program

Aims To further the state of the art of futures research and apply it to regional (Northwest) planning problems

It is interested in forecasting in general, technological forecasting social forecasting and economic forecasting It carries out activities in the field of study, research and information and organizes conferences

The activity is directed toward forecasters and planners

Contributors H Linstone, G Lendaris, L Goslin, K Sharma

Publications Technological Forecasting and Social Change

Reports Oregon Tomorrow, Trends and Options 1974, The Discounting Dilemma 1973

Courses Given within the Systems Science Doctoral Program (Technological Forecasting Social Forecasting Futures Seminar, Holistic Futures Projections, Technology Assessment, Cost-Benefit Analysis)

*(Further information Futures Research Institute, P O Box 751, Portland, Oregon, 97207 USA)*

## ORGANIZATIONS

*aims, intentions, activities of groups*

### PROSPECTIVE

Centre de recherche et de communication pour l'Eglise a venir (Centre for Research and Communication for the Church of Tomorrow)

President Jacques Lannoye

This is a foundation created by a group of industrial magnates and university professors after Vatican Council II

Aims To furnish information to the decision makers involved in the future of the Church and society, to encourage research, to collect already existing studies, to communicate the results of its works

In 1973 PROSPECTIVE has four research departments and a documentation service Dept 1 Liberation and Society, Dept 2 Family and Population, Dept 3 Growth and Progress, Dept 4 Church and Ministries

*(Further information Prospective, Rue E Cattoir 16 B-1050, Bruxelles, Belgium)*

### RESEARCH CONTACTS ON COMMUNES

CENTER FOR THE STUDY OF COMMUNAL SOCIETIES

Address Department of Anthropology, Temple University, Philadelphia, Pennsylvania, 19122 USA Contact John Hostetler

CENTER FOR THE STUDY OF INNOVATIVE LIFE STYLES

Address Box 426, New City, New York, 10956 USA Contact James W Ramey

CONTEMPORARY CULTURE CENTER

Address Paley Library, Temple University, Philadelphia, Pennsylvania, 19122 USA Contact Bob Sosin

NORTH AMERICAN STUDENT COOPERATIVE ORGANIZATION

Address 1500 Gilbert Court, Ann Arbor, Michigan, 48105 USA

## ORGANIZATIONS

*aims, intentions, activities of groups*

NATIONAL FREE CLINIC COUNCIL

Address 1304 Haight St, San Francisco, California, 94117 USA

Information on all these Research Contacts from The Futurist, Vol VII, 2, June 1973, p 115

### SELECTED COMMUNES AND INTERNATIONAL COMMUNITIES

ANANDA COOPERATIVE COMMUNITY

Address Allegheny Star Route, Nevada City, California, 95959 USA

HARRAD-LOS ANGELES

Address 721 La Brea, Room 205, Los Angeles, California, USA

KOINONIA FARM

Address R D 2, Americus, Georgia, 31709 USA

THE FARM

Address Rt 1, Box 197A, Summertown, Tennessee, 38483 USA

LIFE CENTER

Address 1006 S 46th St, Philadelphia, Pennsylvania, 19143 USA

MESSIAH'S WORLD CRUSADE

Address 2340 Piedmont Ave, Berkeley, California, 94704 USA

TWIN OAKS COMMUNITY

Address Rt 4, Box 169, Louisa, Virginia, 23093 USA

Information on all the above Selected Communes and Intentional Communities from The Futurist, Vol VII, 2, June 1973, p 115

## ORGANIZATIONS

*aims, intentions, activities of groups*

### THE SOFT TECHNOLOGY RESEARCH COMMUNITY

Founder Robin Clarke

This Community will carry out research in "soft technology" and will be established in Wales this year

The Soft Technology Research Community will be outside the national power systems. On its farm it plans to obtain power from wind, water, wood and manure

Information from *The Futurist*, Vol VII, 3, June 1973, p 115

### ZENTRUM BERLIN FUR ZUKUNFTSFORSCHUNG EV-ZBZ *(Berlin Center for Futures Research)*

New address 1 Berlin 12, Giesebrechtstrasse 15

## INDIVIDUALS 2

*intentions, change of address*

### BROWN, LESTER R

Senior Fellow at the Overseas Development Council

Author of *World Without Borders*, Random House, 1972, pp 395 (Available from the World Future Society's Book Service, \$ 8.95)

Information from *The Futurist*, Vol VI, 6, December 1972, p 232

*(Further information 1717 Massachusetts Avenue NW, Washington, D C, 20036, USA)*

### GORNEY, RODERIC

Psychiatrist

Main activity psychosocial futures

Permanent staff member of the Department of Psychiatry, UCLA

Recent published works *The Human Agenda*, Simon and Schuster, New York, 1972

*(Address Dept of Psychiatry, UCLA, 760 Westwood Plaza, Los Angeles, California, 90024 USA, Tel 213 825 04)*

### GUERNIER, MAURICE

Economist

*(Address 7 Avenue de la Bourdonnais, Paris VII, France)*

### HELMER, OLAF

Director of Research, Institute of the Future, has joined the Faculty of the University of Southern California, where he will hold the Quinton Chair for Future Research

New address Graduate School of Business Administration, University of South California, Los Angeles, California, 90007 USA

**HOCHMAN, JOEL SIMON, M D**

Previously Coordinator of Drug Abuse Programs for the Department of Mental Health, Los Angeles County, and Project Director of the Longitudinal Drug Study at the University of California at Los Angeles

Presently Chairman of the Drug Treatment Coordinating Task Force of Los Angeles County and actively engaged in psychoanalytically oriented practice

Author of *Marijuana and Social Evolution*, Prentice Hall Inc, Englewood Cliffs, N J, 1972, pp 184

**NOSAL, CZESLAW**

Psychologist

Main activity scientific research, psychology of creative thinking  
Permanent staff member of the Technical University, Wrocław, Poland, Polish Psychology Association

Recent published works *Zdolności umysłowe warunkujące efektywność myślenia (Intellectual Abilities Influencing Efficiency of Thinking)*, in *Przegląd Psychologiczny*, 4, 1972, pp 33-48, *Problematyka myślenia twórczego i zagadnienie metod diagnozowania uzdolnień twórczych (Problems of Creative Thinking and Diagnosing Methods of Creativity)*, in *Prace Naukowe i Prognostyczne, Future Research Center Publications, Technical University of Wrocław*, 7, 1972, pp 17-35, *Pobudzenie myślenia twórczego jako problem dydaktyki uniwersyteckiej (Stimulation of Creative Thinking as a Problem of High School Education)*, in *Zycie Szkoły Wyższej*, 1, 1972, pp 56-62, *Analiza Procesu myślenia heurystycznego (Analysis of the Creative Thinking Process)*, doctoral dissertation, University of Poznań, 1971, *Przetwarzanie informacji w procesie myślenia twórczego (Transformation of information in the Process of Creative Thinking)*, in *Przegląd Psychologiczny*, 22, 1971,

pp 51-65

*(Address Forecasting Research Center of the Technical University of Wrocław, Wybrzeże Wyspiańskiego 27, 50-370 Wrocław, Poland, Tel 270-51 w 617)*

**PIATTELLI-PALMERINI, MASSIMO**

Bio-physicist

Recently published works include *Impatto sociale della biologia moderna (Social Impact of Modern Biology)*, *Education continué et science de l'homme (Continued education and Science of Man)*, *Nec tecum nec sine te (Neither with you nor without you)*, *La pianta uomo sotto inchiesta (Biological and cultural constants of the human species examined)*

*(Further information Fondation Royaumont, 23bis rue de l'Assomption, Paris XVI, France)*

**RAGON, MICHAEL**

Main activity Critic and historian of art, architecture and modern urbanistics  
Originator of the idea of "architectural prospects" with his book-manifesto "Où vivrons nous demain?" (Where will we live tomorrow?)

Founder of the International Group on Future Architecture (GIAP)  
Author of, among other works "Les cites de l'avenir" (Cities of the Future)

Information from *Catalogo Udelia*, Sept-Oct 1972, p 3

**SIMON, WILLIAM**

Psycho-sociologist

Director of the Institute for Juvenile Research, Chicago  
Recently published works include *Children of the Drug Age, Towards a New Man in a New City, Psychosexual Development, The Future of the Family, Son of Joe Continuity and Change Among White Work-*

*intentions, changes of address*

ing Class Adolescents, Chani Man in a Changing Society (Some of the above works in collaboration with others)

*(Further information Institute for Juvenile Research, 1140 South Paulina, Chicago, Illinois, 60612 USA)*

*meetings, courses, lectures, exhibitions, etc*

**COLLOQUIO**

Organized by Societe d'Etudes politiques et sociales et Art, Vie, Esprit (Society for political and social studies and Art, Life, Intellect)

Theme The new values freedom and equality in the economy the incomes policy

Place Bruxelles

Date January 1974

Information from Bulletin d'Art, Vie, Esprit, 6, October 1973, p 6

**COLLOQUIO**

Organised by Societe d'Etudes politiques et sociales et d'Art, Vie, Esprit

Theme Europe in 1980 towards a new model of civilization

Place Bruxelles, Belgium

Date May 1974

Information from Bulletin d'information Art, Vie, Esprit, 6, October 1973, p 6

**CONFERENCE ON SCIENCE AND REVOLUTION IN CONTEMPORARY SOCIETIES**

Organized by International Sociological Association

Place Toronto, Canada

Date August, 1974

The Research Committee on Sex Roles, within the USA, is responsible for the following Conference meetings Sex Roles in Society sessions and Changing Occupational and Family Roles of Women sessions

*(Further information ISA Research Committee on Sex Roles in Society, c/o Elise Boulding, Institute of Behavioral Science, University of Colorado, Boulder, Colorado, 80302 USA)*

*meetings courses, lectures, exhibitions etc*

### CONTEMPORARY ART EXHIBITION

Place Car Park in Villa Borghese, Rome, Italy

Organizers Incontri Internazionali d'Arte (International Art Meetings)

Content Art, cinema, theatre, architecture, photography, music, dancing, books and recordings by artists, poetry

Date November 1973 - February 1974

### COPE A SIMULATION GAME DEVELOPED FOR SCHOOLS

A simulation game called COPE has been developed for use by junior high and high school social studies and English classes. Students begin by reading and discussing an article called "Coping with Change". The classroom then becomes a think-tank called "Technopolis", in which students live through future time periods, 2000 to 2040.

The author of the game is Jerry K. Ward

Information from World Future Society Bulletin, Vol VII, 3, March 1973, p. 5

### CYCLE OF STUDIES ORGANIZED BY THE "CLUB DE AMIGOS DE LA FUTUROLOGIA"

1 Education in the 21st Century

November 20 "Problems of Education with a view to the Future", Josep Perena, Vice-President of the Club

November 27 "World Game Hypothetic Models, Scenarios and Systems Analysis in Future Education", Jordi Blascke

December 4 "Possible Aspect of Education in the Year 2000", Joan Trigo, Vice-President of the Club

December 11 "Education and the 21st Century Man - Europe Plan 2000", Dr. Josep M. Bosch

December 18 "Technical knowledge must never usurp the place of nature", M. Dolores Marsans

2 How Will We Live in Future Centuries?

*meetings courses, lectures, exhibitions, etc*

November 21 "Man, Industry and the Nations towards the Future", Josep M. Lacalle

November 28 "Examples of Methodology for a real view of the Future", Antoni Ferrero

December 5 "The Quality of Life", Amadeu Serch

December 12 "Psychological Evolution in view of the Future", Enrique Cortezon

December 19 "Evolution of Society in view of the Future", Jordi Blascke

*(Further information Club de Amigos de la Futurologia, Gran Via, 608, 8e D, Barcelona-7, Spain)*

### FUTURES STUDIES WORKSHOP

Organized by AAG

Theme Geography's Role in Futures Studies

Place Seattle, USA

Date April 1974

*(Further information Dr. Gary A. Klee, Coordinator Future Studies Workshop, University of Wisconsin Superior, Superior, Wisconsin, 54880 USA, Tel. (715) 392-8101)*

### THE FUTURE STUDIES PROGRAM, SCHOOL OF EDUCATION

Operates in The University of Massachusetts

Aims to develop the study of the future, with particular emphasis on the future of education and the development of education about the future.

The staff is formed by 17 students, the majority at the doctoral level. It is the only program that graduates certified teachers in this field.

The areas in which the program members are working are



*meetings courses, lectures, exhibitions etc*

*Global survival* objectives to collect, analyse and integrate information about basic problems affecting the future of the human race and to disseminate as widely as possible the results

*The future of education* objectives to analyse, current trends in education and society and the implications of these trends for education, to study the application of basic futuristic tools to the planning problems of specific educational units (micro futures)

*Curriculum development and teacher education* objectives to develop classroom methods, tools and materials, arrange them in larger curricular units, evaluate them in classroom environments and train teachers in their use

*Courses offered* by Future Studies Program in Spring 1973

1165 The Future of Film Media Resources for Future Education

1155 Introduction to Educational Future Studies

1160 Future Literature in Education

1150 Black Futures through Education

4950 Science, Society and Education

8550 Advanced Seminar in Educational Futuristics

4960 Graduate Introduction to Educational Future Studies

*(Further information School of Education, The Commonwealth of Massachusetts, University of Massachusetts, Amherst, 01002 USA)*

### FUTURISTICS

Courses organized by the New School for Social Research

Our Options for the Future, taught by Thomas Evan Jones

Technological Utopias, taught by Alan Camp

The Age of Breakthroughs Guidelines to Action, taught by F M Esfandiary

Computers and Society Social Implications of Computers

*meetings courses, lectures, exhibitions etc*

Information from World Futures Society Bulletin, Vol VII, 3, March 1973, p 3

*(Further information The New School for Social Research, 66 West 12th Street, New York, N Y, 10011 USA)*

### IL FUTURO DELLA MENTE (THE FUTURE OF THE MIND)

Organized by Associazione Incontri Internazionali "Il mondo di domani" (Association for International Meetings "The World of Tomorrow") in collaboration with the Institute of Philosophy and History of Philosophy at Rome University)

Place Perugia, Italy

Date December 7-9, 1973

### INTERNATIONAL CONFERENCE ON GLOBAL PROBLEMS OF THE DEVELOPMENT OF CIVILIZATION

Place Prague

Date December 13-15, 1973

Organizers The International Institute for Peace (Vienna) and the Institute for International Relations (Prague), with the support of the School of Economics, University of Prague

Papers and speakers Introductory papers from the Socialist countries (J Sedlak and E K Fjodorov), Report on new research projects of the Club of Rome (A Peccei)

### THE INTERNATIONAL COOPERATION FESTIVAL 1974 (*Ninth Annual*)

Preliminary Announcement

Theme The Whole Person in the New Age Exploring new understandings and breakthroughs regarding universal man and the world

*meetings, courses, lectures, exhibitions etc*

civilization now emerging

Place Los Angeles Convention Center 1201 So Figueroa St, just off Harbor Freeway near Olympic

Dates Saturday, January 19, 1974, 9 a m to 6 p m, Sunday, January 20, 10 a m to 5 p m, Saturday, special evening program to be announced

Cost \$12 for entire festival, \$8 for either day separately, students half price Saturday evening program separate The festival is the International Cooperation Council's annual inter-group event, designed to bear public witness to "fostering the emergence of a new universal man and civilization based upon unity in diversity among all peoples"

*(Further information International Cooperation Council, World Headquarters, 17819 Roscoe Blvd, Northridge, California 91324 USA Phone (213) 345-8325, 881-9755)*

### NEW TOWN

The Environmental Game of Town Planning

This is a stimulating educational game of strategy, involving the environmental, economic, social and political factors in building a brand new community It was created in 1967 at Cornell University by Dr Barry R Lawson for professional planners It simulates the development of a totally new community, not in a vacuum but in a real atmosphere as diverse as the motives and personalities of the individual players or teams of players The New Town concept is widely used in many foremost architectural and community planning schools It has been tested in over 100 universities in the course of three years

The premise of the game is a Utopian's dream — the board represents space that has been allocated for a new town 25 miles from a major city The objective of the game is for the players to build a viable new community from the ground up The space has already been surveyed into blocks and minimum zoning regulations designate possible locations for schools and parks A river flows through the town site and the

*meetings courses, lectures, exhibitions etc*

potential community is serviced by a railroad line Everything else is up to the players, or teams of players, who bid for parcels of land, construct homes, etc Reality enters the scene of play when antipollution regulations have to be considered, taxes must be levied and paid, a town hall, schools and parks must be located

*(Further information Harwell Associates Inc Box 95, Convent Station, New Jersey, 07961 USA)*

### SALZBURG SEMINAR IN AMERICAN STUDIES, 1974

*Session 151 Urban Problems and Planning, January 6 - February 2, 1974*

The lectures and seminars will cover such topics as policy and urban planning, low income housing, high density planning, the development of new towns, land use planning, municipal government and politics and the delivery of municipal services, problems of crime, welfare dependency, ethnic conflict, declining neighborhoods transportation planning, including transit and highway networks

The faculty J Douglas Carroll, Jr, Natha Glazer, Herbert P Gleason, Marshall Kaplan, Jacquelin Roberstone, Peter Conrad

*Session 152 Multinational Enterprise in the Context of the Common Market and the World Economy, February 10 - March 1, 1974*

This session will examine such matters as the management and organizational dynamics of transnational firms, the economic impact of transnational business on both developed and less developed countries The faculty Hans Heinrich Barnikel, Albert Coppe, John H Dunning, Orville Freeman, Zoltan Merszei, Lauris Norstad, Howard Perlmutter, Gerd Tacke

*Session 153 The Social Impact of Mass Communications, March 10 - March 29, 1974*

Public policy and the media, the issues concerning governmental regulation and freedom of the press the integration of communications policy

## EVENTS

*meetings courses, lectures, exhibitions etc*

The Faculty Douglass Cater, Edgar Kull, Harold Evans, Fred W Friendly, dly, Charles Guggenheim, Nicholas Johnson, Elihu Katz, Richard Hoggart, Hilde T Himmelweit

*Session 154 The Control of Environmental Pollution, April 28 - May 17, 1974*

Fresh water effect of pollutants on river systems and other natural aquatic communities, management and the mitigation of pollutants, dynamics of river flow and equilibrium between water and sediment Fresh air characteristics of air pollutant sources The legislation of pollution, The economics of air and water pollution

The faculty Luna B Leopold, Werner Stumm, John B Heywood, Frank B Grad, Robert H Haveman

*Session 155 The American Theatre, June 6 - June 26, 1974*

This session will encompass both the profession of theatre criticism and the art of theatre production

The Faculty will include Edward Albee, Jeff Blechner, Brendan Gill, Santo Loquasto, Tamas Ungvari

*Session 156 American Law and Legal Institutions, July 7 - August 2, 1974*

Anti-trust laws, government intervention into the structure and behavior of domestic markets Judicial process, organization of the court International business transactions, with special attention to the law of the exporting and host countries especially developing countries

The publicly owned corporation Constitutional law

The Faculty William F Baxter, Frank M Coffin, James N Hyde, Noyes Leech, Paul J Mishkin

*Session 157 The United States, Europe and the Developing World, August 11 - August 30, 1974*

This seminar is concerned with the economic, political social and other aspects of development in all parts of the world

The Faculty Lester R Brown, Robert K A Gardiner, Theodore Geiger,

## EVENTS

*meetings, courses, lectures, exhibitions etc*

John P Lewis, Andrew E Rice, Edward M Martin

*(Further information The Salzburg Seminar, 17 Dunster Street, Cambridge, Mass., 02138 USA, Tel (617) 547-7070, or, The Salzburg Seminar, Schloss Leopoldskron, Box 129, A-5010 Salzburg, Austria, Tel (06222) 41233)*

### **SYMPOSIUM SUR LE RECYCLAGE** (*Symposium on Recycling*)

Organized by the Institut Gottlieb Duttweiler for the Study of Economic and Social Questions

Place Zurich, Switzerland

Date November 28-30, 1973

The following topics were treated in the course of the Symposium

- 1 Recycling and Protection of the Environment
  - 2 How Recycling Contributes to the Solution of Environmental Problems
  - 3 Recycling examined from the Scientific and Political Points of View (natural cycles, cycles of industrial raw materials, legislative measures and possibilities)
  - 4 Recycling Examined from the Economic Point of View
  - 5 The Cost of Recycling a Study by the Institute of Social Sciences at the University of Basle, Switzerland
  - 6 Specific Recycling and Recycling Processes
  - 7 The Present State of Technology in the Field of Recycling
  - 8 Recycling Fundamental Principle of an Economic System which takes into account the Interests of the Environment (example of the Chinese People's Republic)
  - 9 Pattern of an Economic System based on Recycling
- Director of the Gottlieb Institute H A Pestalozzi

*(Further information Institut Gottlieb Duttweiler, Ruschlikon, Zurich, Switzerland)*

*meetings courses, lectures, exhibitions etc*

### TAPE RECORDINGS

*(The following tape recordings are available from Audio Committee, World Future Society P O Box 30369, Bethesda Branch, Washington, D C , 20014 USA)*

#### THE FUTURE OF AMERICAN VALUES

An interview with Ian Wilson

With affluence has come a wider range of choices and a demand for a better quality of life Our economic system has produced unprecedented wealth, now wealth fails to motivate as before Capitalism will survive in this new climate only if socially responsible conceptions of profit can be evolved

#### FUTURE CONFLICTS OF SCIENTIFIC AND SOCIAL VALUES

An interview with Charles Williams

The sources of conflict of our society in this period of transition are noted The issue is how to use science and technology to negotiate the transition period without becoming scientific or technocratic

*(The above interviews are recorded on Tape 7301, \$5)*

#### THE FUTURE OF COMPUTERS IN THE CLASSROOM

An interview with Joseph Margolin and Marion Misch

The present state of the art of computer-assisted instruction is outlined and its advantages explained

#### THE FUTURE OF AMERICAN EDUCATION

An interview with Gabriel Ofeish

American education has deteriorated, but new systems are emerging The teaching of learning skills must replace the transmittal of facts

*(These two interviews Tape 7302)*

*meetings courses, lectures, exhibitions, etc*

### REVOLUTIONARY CHOICES FOR EDUCATION

Interview with Hendrik Gideonse

Of all the pressures for change felt in American education, the rising public demand for accountability is the most truly revolutionary Other pressures are discussed, such as technology and information science, changing demographic patterns, the polarization of interest groups in society and the changing nature of work and our attitudes toward it

#### THE FUTURE OF HIGHER EDUCATION

Interview with Alvin Eurich and Henry David

The institution of higher education, already enormous, will become even larger in response to federal funding, open access and student and community demands

*(The above on Tape 7303)*

#### THE FUTURE OPTIMISM VERSUS PESSIMISM

Interview with Edward Cornish

The option here is for optimism, noting that pessimism can worsen world problems by excusing inaction

#### TALKING ABOUT THE FUTURE

A second interview with Edward Cornish

What do futurists talk about? There are some rules for argument among futurists

*(The above two interviews on Tape 7305)*

Information from The Futurist, Vol VII, 2, April 1973, p 87

*meetings courses, lectures, exhibitions etc*

**TECHNOLOGY FORECASTING A WORKSHOP IN PRINCIPLES, APPLICATIONS AND PRACTICE (19th Short Course)**

Organized by The Industrial Management Center, Inc

Place Hilton Head, South Carolina, USA

Date January 6-10, 1974

Topics Process of Technological Innovation as a Guide to Forecasting, Framework for Forecasting, Principles of Trend Extrapolation, Delphi and Cross Impact Analysis, Substitution Theory, Relevance Tree Theory, Alternative Scenarios to Improve Planning, Whirlpool's TF Program, Organizing the TF Study, Forecasting through Monitoring, Step Functions to Predict Institutional Behavior, Forecasting the Effect of Funding Strategies on Complex, Development Projects, Designing a Forecasting Program, How Xerox Integrates TF Results into Business and Product Strategies, How NASA Applies TF Procedures to Long-range Technical Planning, New Developments in Delphi Methods, A Morphological Analysis of Forecasting Methods, Building the Technical Data Base  
Staff of TF Workshop James R Bright, Director, John H Vanston, Associate Director, Richard Davis, Paul Fitzgerald, Ralph Lenz, Clive Simmonds, A R Solomon, Murray Turoff

*(Further information Industrial Management Center, Inc, 1100 Red Bud Trail, Austin Texas, 78746 USA)*

**TECHNOLOGY FORECASTING. ENVIRONMENTAL INPUTS TO TECHNOLOGY FORECASTING (20th Short Course)**

Organized by The Industrial Management Center, Inc

Place Hilton Head, South Carolina, USA

Date January 13-17, 1974

Topics Exploring Environmental Behavior under Possible Future Technologies, Involving Employees in Technical and Environmental Forecasting, Forecasting Resistance to New Technology, The Future of Crime, Technology Assessment in the Federal Government, Evaluation of How Land Use Control both Limits and Advances' Tech-

*meetings courses, lectures, exhibitions etc*

nology Progress; Technology Assessment in Industry, The Inclusion of New Technical Factors in Alternate Futuristic Scenarios, Major Trends and Developments that will Affect Society and its Institutions, Trend Analysis and Future Planning for a Health Care Institution, Structuring a Complex Technical Project to Minimize Potential Environmental Problems, Moral Development The Content-Structure Distinction in Thinking about the Future, Can Long-range Environmental Studies Improve Strategic Planning, How to Study the Interactions of Future Technology with Complex Environments, Use of Value Engineering Techniques to Improve Technology Forecasts

Seminar staff Donald Atkinson, James R Bright, Joseph F Coates, James U Cross, Richard C Davis, David J De Marle, Theodore Gordon, Robert G Kegan, Allan Mandel, Robert Newman, Miller Spangler, John Vanston, James B Webber

*(Further information Industrial Management Center, Inc, 1100 Red Bud Trail, Austin, Texas, 78746 USA)*

DATE	THEME	PLACE	ORGANIZERS
<b>1973</b>			
<b>September</b>			
9-14	<i>3rd International Congress on Architecture and the Arts</i>		Interfaith Research Centre on Religious Architecture
13-16	<i>6th Conference on International Problems, International Perspectives for Tomorrow's School</i>	Recoaro Terme (Italy)	Centro Studi "Niccolo Rezzara"
15-19	<i>5th General SAINT Conference The Vulnerability of Our Advanced Technological Society</i>	Schloss Leopoldskron Salzburg (Austria)	SAINT
25-30	<i>Human Needs, New Societies, Supportive Technologies</i>	Rome (Italy)	Continuing Committee for Futures Research and IRADES
26-29	<i>National Conference on Orientation and School Psychology Problems</i>	(Pesaro (Italy)	Centro di orientamento scolastico e professionale del Consorzio provinciale per l'istruzione tecnica di Pesaro
<b>October</b>			
14-17	<i>Nuclear Plants in Europe Yesterday, Today, Tomorrow, Vth Conference on Nuclear Industry</i>	Florence (Italy)	Forum Atomique European FORATOM
<b>November</b>			
2-4	<i>Communication Media and the Future of Higher Education</i>	Stuttgart (Germany)	Deutsche Verlags Anstalt GmbH, in cooperation with the International Association for the Promotion of the World University, with the support of the Deutsche UNESCO Kommission
28-30	<i>Symposium on Recycling</i>	Zurich (Switzerland)	Institut Gottlieb Duttweiler for the Study of Economic and Social Questions
<b>December</b>			
7-9	<i>The Future of the Mind</i>	Perugia (Italy)	Associazione Incontri Internazionali "Il mondo di domani" in collaboration with l'Istituto di filosofia e storia della filosofia dell'Universita di Roma
13-15	<i>International Conference on Global Problems of the Development of Civilization</i>	Prague (Czechoslovakia)	The International Institute for Peace and the Institute for Intern Relations (Prague) with the support of the School of Economics, Un of Prague

DATE	THEME	PLACE	ORGANIZERS
1974			
January	<i>Professions of the Future and the Future of Professions</i>	Berlin (Germany)	United Nations Department of Economic and Social Affairs
	<i>The New Values: Freedom and Equality in the Economy - the Income Policy</i>	Bruxelles (Belgium)	Societe d'Etudes politiques et sociales and Art, Vie, Esprit
April	<i>The Applications of Automation and Computer Techniques for Planning and Management of River Basins and Other Hydrological Systems</i>	USA	UN/ECE Economic Commission on Water Problems
May			
	<i>Europe in 1980 Towards a New Model of Civilization</i>	Bruxelles (Belgium)	Societe d'Etudes politiques et sociales and Art, Vie, Esprit
August			
19-30	<i>3rd World Conference on Population</i>	New York (USA)	United Nations Department of Economic and Social Affairs
	<i>Conference on Science and Revolution in Contemporary Societies</i>	Toronto (Canada)	International Sociological Association

**NEWSBANK**

A data bank on urban problems

This is an activity of the Urban Research Corporation, Dallas, Texas. Information from the daily press in 50 states is simultaneously read and catalogued (about 200 urban newspapers every day). Changes in education, housing, transportation, etc., are reported every day in San Diego, Seattle and Tampa, and when these are compared with daily reports from 102 other cities, trends emerge and patterns of change begin to take form.

Projecting from this data bank, John Nisbitt has written a paper entitled "Ten Major Changes to Expect in the Decade of the 1970's", which he presented at the Tenth Annual Management Seminar for Women Executives, Southern Methodist University, Dallas, Texas, May 18, 1972.

**THE SITUATION OF WOMEN IN THE UNITED NATIONS**

A Report based on the proceedings of the Colloquium of Senior United Nations Officials held on 4-6 July 1972 at Schloss Hernstein (Austria), compiled by Alexander Szalai, Professor of Sociology at the Karl Marx University of Economic Sciences, Budapest, Hungary, and Member of the Hungarian Academy of Sciences.

The Colloquium with which the Report deals was the fourth of a series organized by the United Nations Institute for Training and Research (UNITAR). The participants were 25 Senior United Nations Officials from the various offices of the United Nations (UNESCO, WHO, FAO, UNIDO, UNICEF, etc.). The Colloquium agreed on a comprehensive list of specific measures that should be taken by the United Nations family in regard to staff rules and regulations, recruitment, placement and assignment, conditions of work, promotion, etc., so as to remove discriminatory features and provide equal opportunities for women in employment in the United Nations system. While it is based on the proceedings of the Colloquium, the Report consists of



*on-going research and studies*

more than a simple account of the meeting Professor Szalai has carried out additional research and has included factual information in the Report which was not discussed at the Colloquium

*(Further information UNITAR, 801 United Nations Plaza, New York, 10017, USA)*

### **SOCIOECONOMIC DEMOCRACY**

A Future Worth Considering

An article by Robley E George

The Article describes some of the salient properties of a rational, humanistic and democratic socioeconomic system It is demonstrated that such a system possesses many desirable attributes Steps required for realization of the system are sketched, thereby satisfying the physical realizability requirement for relevant futures research

*(Further information Robley E George, 598 29th Street, Manhattan Beach, California 90266 USA)*

*recent or in press*

### **AHEAD OF TIME**

Edited by Harry Harrison and Theodore J Gordon

Doubleday, New York, 1972, pp 201 (\$4.95)

This book is an attempt to collect papers containing ideas which can be seen to be ahead of their time, papers dealing with reactions to new ideas and those containing suggestions for future research which might open up new horizons to science

Information from The Futurist, Vol VII, 3, June 1973, pp 130-133

### **ALTERNATIVE REALITIES A STUDY OF COMMUNES AND THEIR MEMBERS**

Andrew Rigby

Routledge and Kegan Paul, Boston, 1974, "International Library of Sociology"

### **BIBLIOGRAPHY ON THE QUALITY OF LIFE**

Compiled by Laboratoire de Prospective Appliquee, Association International Futuribles, Ministry of the Environment, France

Information from 2000, 25, 1973, pp 57-59

### **A BRIEF INTRODUCTION TO TECHNOLOGY FORECASTING CONCEPTS AND EXERCISES**

James Bright

Permaquid Press, Austin, Texas, 1973, pp 246

This textbook provides a starting point for the introduction of technology forecasting concepts into academic courses It contains experiments and materials from more than 20 short courses on technology forecasting, conducted since May 1967

Information from World Future Society Bulletin, Vol VI, 12, December 1972, p 1

**THE CREATION OF SETTINGS AND THE FUTURE OF SOCIETIES**

Seymour B Sarason

Jossey-Bass, San Francisco and London, pp 295 (\$10 50)

An analysis of the creation of settings "two or more people come together in new and industrial relationships to attain stated objectives" The book gives examples drawn from education, mental health, architecture, history, political science and government

Information from *World Future Society Bulletin*, January 1973, p 6

**THE CYBERNETIC SOCIETY**

Ralph Parma

Pergamon Press, Elmsford, N Y , pp 396 (\$7 50)

The book deals with the following subjects Technology in the Industrial. Age, Industrialization, Cybernation and the Working Man, Technology and Government, The Systems Planners, Cybernetics-Control and Communication, Man's Mind and the Computer, Technology, Science and the Arts, Technology and Education, intimations of the Future

Information from *World Future Society Bulletin*, January 1973, pp 5-6

**DU PRINCIPAT (Concerning Sovereignty)**

Bertrand De Jouvenel

Hachette, Paris, pp 292 (30F)

A collection of articles and speeches delivered on various occasions on subjects such as "What is Democracy?", "The Evolution of Forms of Government", reflections on collective decisions, public decisions and problems related to decision-taking in society The only alternative to sovereign rule is democracy, but since the role of the state is becoming more and more important, how can it be prevented from becoming an ever-increasing personal power?

**INFORMATION TECHNOLOGY INITIATIVES FOR TODAY – DECISIONS THAT CANNOT WAIT**

George Kozmetsky and Timothy W Ruefli

This is Part II of a Study on Information Technology – Some Critical Implications for Decision-Makers 1971-1990

Edited by Dubois S Morris Jr and directed by Charles M Darling

This report offers some suggestions as to measures that could be taken by leaders

Information from *World Future Society Bulletin*, January 1973, p 5

**HAWAII 2000 CONTINUING EXPERIMENT IN ANTICIPATORY DEMOCRACY**

Edited by George Chaplin and Glen D Paige

University Press of Hawaii, Honolulu, 1973 (\$9.95)

This volume is the report on the historical 1970 Conference called by the Governor of the State of Hawaii, John A Burns, and attended by noted futurists, writers, scientists and planners from all parts of the world The Conference called upon hundreds of people from the community to act as contributors, task force leaders and participants Laymen and experts joined to anticipate, collectively and creatively, the alternative futures of one community and to move toward those possible futures in a non-random fashion The book should serve as a handbook for all communities that are confronting the challenge of today to plan for tomorrow

Information from *The Honolulu Advertiser*

(Available from University Press of Hawaii, 535 Ward Avenue, Honolulu, Hawaii, 96814 USA)

**INFO-FEC**

Bulletin in two editions, English and French

*recent or in press*

Published by the European Cultural Foundation

This is a new information bulletin which informs about all activities and research developed in Plan Europe 2000 and other projects. It is mailed regularly, free of charge, to those desiring to receive it.

*(Requests should be addressed to Info-FEC, Jan van Goyenkade 5, Amsterdam 1007, The Netherlands)*

#### **AN INTRODUCTION TO TECHNOLOGICAL FORECASTING**

Edited by Joseph P. Martino

Gordon and Breach, New York, 1973, pp 108

Information from *The Futurist*, Vol VII, 2, April 1973, p 70

#### **LE NOUVEAU DESEQUILIBRE MONDIAL** *(The New Worldwide Imbalance)*

Alexandre Faure and Jean-Paul Sebord

Centre de Recherche science et vie, Grasset, France, 1973, pp 464

The dollar crisis, the wind-up of the Vietnam war, the suffocation of development in productivity in the United States — are these things signs of American imperialism? What does the future hold for Europe? Will there be a split between Northern Europe and Latin Europe? What will be Japan's role in an Asia dominated by Soviet and Chinese power? These are the questions posed by this work.

#### **OPEN UNIVERSITY SET BOOKS 1974**

List of the books to be used by the Faculties of the Open University during the academic year 1973-1974

Information from *The Bookseller*, August 25, 1973, pp 1573-1579

*(Further information The Open University, Walton Hall, Bletchley, Bucks, England)*

*recent or in press*

#### **PROGNOS EURO REPORT 1974**

The Report presents the main national and international planning data for the past 10 years, with estimates for 1974 and projections up to 1985. Thirteen West-European countries are covered in over 300 pages of tables, with sections on demography, national accounting (24 industry and service categories), international comparisons and per capita data. Prognos Euro Report is available for 1,800 Swiss Francs per copy on a three-years subscription basis.

*(Further information Prognos Euro Report, Dorfstr 73, CH 8050 Zurich, Switzerland Tel (01) 468140 Telex 57547)*

#### **PROJECTIONS OF THE FUTURE IN SOCIALIST LITERATURE COMPARED WITH THE SAME IN NON-SOCIALIST LITERATURE**

Stephen H. Arnold

Department of Comparative Literature, University of Alberta, 1973

*(Further information Dept of Comparative Literature, University of Alberta, Edmonton, Canada)*

#### **SOCIETY AND THE ASSESSMENT OF TECHNOLOGY**

François Hetman

OECD, Paris, 1973, pp 420

A comprehensive study of problems raised by technology with regard to desirable societal futures. Discusses the place of technology in modern society, the criteria of evaluation of social impacts of technology, the typology of technology assessment studies, the areas of possible utilization and the conditions of an appropriate institutional set-up and decision-making apparatus.

Information from the author

**THE SUPER POWERS AND ARMS CONTROL FROM COLD WAR TO INTERDEPENDENCE?**

Walter C Clemens Jr

Lexington Books, Lexington, Massachusetts, 1973

The book analyses the period from Nicholas II to SALT II and outlines a "modernist approach to arms control"

Information from the author

**TEORIA E PRATICA DELLA PIANIFICAZIONE SOCIALE** (*Theory and Practice of Social Planning*)

Author Kahn

Published in a new series, beginning October 1973, by the E Zancan Foundation, Padua, Italy

*(Further information Segreteria della Fondazione "E Zancan", Riviera Tito Livio, 17 35100 Padova Italy, tel 049-663800)***WORLD INFORMATION SYSTEMS AND CITIZEN PARTICIPATION**

Edited by Richard G Woods

University of Minnesota, Minneapolis, 1973

This report combines two papers dealing with information technology

a) Pluralism, Participation and Choice in a Wired World, by Arthur Harkins, Earl Joseph, Angie Nelson and Jon Shafer of the University of Minnesota and Brian Sinder of Community Information Systems, Inc

b) Jonathan A Unique Experiment in Community Information/Participation Systems, by the same group

Information from World Future Society Bulletin, January 1973, p 3

*(Further information Office for Applied Social Science and the Future, University of Minnesota, 720 Washington Avenue, S E, Room 320, Minneapolis, Minnesota, 55455 USA)***WORLDS OF THE FUTURE EXERCISES IN THE SOCIOLOGICAL IMAGINATION**

Bernard S Phillips

Charles E Merrill, Columbus, Ohio, 1973, pp 337

The author links a series of metaphors from science-fiction with more abstract ideas taken from sociology and the special sciences to describe and analyse the transition from industrial to post-industrial society  
Information from The Futurist, 2, April 1973, p 90**ZYGMOND JOURNAL OF RELIGION AND SCIENCE**

A quarterly publication, issued by the Joint Publication Board of the Institute on Religion in an Age of Science, and the Center for Advanced Study in Religion and Science, Chicago, USA

This journal seeks to illuminate the basic issues which relate theology to the sciences and asks the question Can Religion and science survive apart? It presents a challenge and provides a forum for those concerned individuals who are working to meet this challenge Zygon treats the most fundamental issues which confront our life Its contributors include scientists, philosophers and theologians asking vital questions about fate and faith, death, violence, ecology, genetic control, scientific morality, cybernetics thermodynamics, seeking to integrate man's notions of what is meaningful and sacred about his destiny with his scientific understanding of himself and the world around him " Our primary task is to build a new community of minds in which the new knowledge or information about facts in general is connected with the basic facts about life's values" (Ralph Wendell Burhoe, Editor)

Subscription rates Institutions, one year \$13 00

*(Further information Zygon, The University of Chicago Press, 11030 Langley Avenue, Chicago, Illinois, 60628 USA)*

I would welcome criticism on the following hypothesis the basic values of war prevention, economic wellbeing, social justice and ecological balance would be most effectively promoted over the long run if states treated one another (and their common environment) as though all were involved in a relationship of mutual interdependence. Exploitation, according to this hypothesis, does not pay in the long run. The hypothesis suggests, for example, that imperial policies can be based on either approach: mutual aid or exploitation.

	Mutual aid	Exploitation
United States	Philippines	Cuba (1890-1960)
Japan	Taiwan	Korea (1895-World War II)
Results	Mutual benefit, solidarity	One-side but temporary benefits, alienation

The author would welcome information to support or rebut the hypothesis, based on the above or other cases. Cases might also be essentially domestic: e.g., Prague-Slovakia, Addis Ababa-Eritrea.

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 USA

To

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From

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