



NEWSLETTER

DAT OR

SOCIAL AND HUMAN FORECASTING

by Irades - Istituto Ricerche Applicate Documentazione e Studi

6, Via Passiello, 00198 Roma

AUTUMN 1973

The Special World Conference on Futures Research, with "Human needs – new societies – supportive technologies" as its theme, ended its work on September 30. Approximately 150 conferees from 40 countries, including many developing and socialist European countries, took part.

For the first time, many diverse ideologies and "needs" met in a confrontation, which provoked inevitable difficulties, but also resulted in enriching rewards.

In its long preparation, the Conference proposed these objectives:

to enlighten all experts and specialists concerning the future, not on the future itself,

to promote an encounter with persons speaking for needs which differ from Western needs,

to promote interest in futures studies in Italy,

to arrive at least at an initial indication of workable operational priorities which are definitely capable of implementing ideas.

14

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

The following results were at least partially achieved

the difficulties of a sound orientation towards the future as the broadest possibility of options, hence of change (self-critical in this meaning), were acknowledged,

the shock caused by the differences in needs stated, not merely read, in the groups of futures experts, was a development of particular importance,

Italian public opinion was stimulated by over 100 press reports published in over 55 Italian newspapers, and by the meeting of some 150 futures experts with the public, which served to increase individual concern in many persons of various social levels

the psychological difficulty was observed in concretely adopting many excellent ideas concerning the future, arising from the attitude that "it is better to stay with what we know than seek out what we don't know" While the Conference made one, or perhaps five, steps forward, much progress remains to be achieved in futures studies. But the important thing is to have realized that there are many of us involved in the question of the future, and that we must all take part in deciding the future of man

These are the first general indications, but not on the contents, which will be clarified by the publications to emerge from the work of the Conference

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Reparto Stampa GAT - via Paisiello 4, 00198 Roma

HAWAII CHAPTER, WORLD FUTURE SOCIETY

Formally established in April 1971

The purpose of the World Future Society is "to contribute to a reasoned awareness of the future and the importance of its study, to advance responsible and serious investigations of the future, to promote the development of methods for the study of the future, to increase public understanding of future oriented studies, and to facilitate communication and cooperation among organizations and individuals interested in studying or planning for the future"

According to the March 1972 WFS roster, Hawaii has 99 individual members and 26 organizational members

Coordinator Richard Barber, Program Chairman Walter Strode, Membership Christ Zivalich, Secretary-Treasurer Al Kearney

(Information from *The Future and Where It's At in Hawaii*, by Richard J Barber, Social Science Research Institute, University of Hawaii, Honolulu, Hawaii, p 4)

HAWAII'S FUTURE

A citizens' group was formed immediately after the Conference on the Year 2000 by a number of individuals, about 60, to make certain that the momentum of the Conference would not be lost
Contact Dobbie Coombs

(Information from *The Future and Where It's At in Hawaii*, by Richard J Barber, Social Science Research Institute, University of Hawaii, Honolulu, Hawaii, p 4)

A PROPOSAL FOR A CENTRE IN THE NORTH OF ENGLAND TO UNDERTAKE AND STIMULATE STUDIES OF THE FUTURE

has been made by Roland Chaplain, Peter Nokes, and Peter Stead, who have organized a meeting open to anyone interested in establishing such a Centre, to be held at the University Centre, 10 Morn-

ington Villas of Manningham Lane, Bradford 8, on Saturday, October 20, from 10,30 to 16,30

The Center will have the following aims

to act as a catalyst towards the introduction in education and training at all levels of a perspective that consciously prepares people for personal responsibility in creating the future,

to underthake research and experimentation which is multi-level in nature, bringing together specialists from the arts, sciences and social sciences, technologists and people from industry (management, union and workers) and government, also young people of all abilities,

to try to understand how, in an increasingly complex society, communications among specialists and the other people can be made more effective so that informed participation of all who wish it can be realized,

to provide a forum through which creative thinkers on the future can test their inventions, ideas and alternatives

The plan of action should be

to establish a resource centre in a specific location, to obtain and display films, tapes, drama, etc, the latest thinking and information on alternative sources, of energy, ways to combat pollution desirable sizes and structures for societies and production processes, religious spiritual experiments and unexplained phenomena,

to provide information on where other future-oriented material is available and study is being undertaken, with particular reference to the needs of people living in the North of England

Undertake the evaluations of

the social impacts and risks involved with new technologies, survival-type problems which are potentially the concern of everybody population

to monitor the effectiveness of and barriers to people playing an increasing part in planning,

assist existing groups organizations to run conferences on future-oriented problems,

to put people in touch with one another

(Further information Roland Chaplain, 14A Grasmere Road, Huddersfield, England, Peter Nokes, 15 Lyddon Terrace, Leeds, LS2 9LA, England, Peter Stead, 4 Carriage Drive, Berry Brow, Huddersfield, England)

RAAD VIR GEESTESWETENSKAPLIKE NAVORSING HUMAN SCIENCES RESEARCH COUNCIL – SOUTH AFRICA

A division for Futures Research has recently been established within the Institute for Research Development of the Human Sciences Research Council

Its aims are to provide the local scientific community with relevant information on future oriented research throughout the world, and to coordinate futures research efforts in South Africa

The following projects have been decided

- a) A computerized information system
- b) A quarterly publication, RSA 2000, which will appear as from January, 1974 (For both these projects the Council needs the co-operation of organizations working in this field)

(Further information President, Dr P F Erasmus, Raad vir Geesteswetenskaplike Navorsing, Privaatsak X41, Pretoria, South Africa)

SCIENCE POLICY RESEARCH UNIT

(please add to page 327 of Social Forecasting 1972)

operates in The University of Sussex

founded in 1966

aims to contribute through its research to the advancement of knowledge of the complex social process of research, invention development, innovation and diffusion of innovations, and thereby to a deeper understanding of policy for science and technology, to study the research-innovation complex of events in industry and in government, as well as in universities and in the context of the environment in developing countries as well as in industrialized societies

ORGANISATIONS

aims, intentions, activities of groups

is interested in social and technological forecasting, with activities in study and research which will lead in part from studies already done by the Unit in developing the method of technology assessment. Using a mixed team of social and natural scientists, the programme of studies and research will identify and develop those methods of forecasting which enable better informed choices and decisions to be made, by the systematic display of alternative futures.

The staff cooperates with Helmut Kranch, of the Studien-gruppe für Systemforschung, for the review *Research Policy*, edited by C Freeman, J C Sinclair, R Coenen and H Krauch. The Institute works also on short-term prospects and consultancy undertaken by various members of the Unit.

Specific Research currently under way

1) Social and Technological Alternatives for the Future

(the team at present working full-time on the forecasting programme consists of K R Pavitt, T C Sinclair, H S Cole and R W Page)

2) World Population, Environment and Resources

3) Strategic Development Affecting the Long-Term Energy Situation

4) Human Life and Safety in Relation to Technical Change

5) The Future of Communication

6) Futurist Thought

7) Bibliographic Review of Social and Technological Change Theory

8) Prediction, Forecasting and Futures Research in Democracy

Periodical publication *Research Policy*

Chairman Prof Asa Briggs

Director Prof Christopher Freeman

Deputy Director Dr Geoffrey Oldham

Secretary Mrs Jacqueline Fuller

(Further information) SPRU, Nuffield Boulding, University of Sussex, FALMER Brighton, Sussex, BN1, 9RF Brighton, England, tel (0273)(686758)

ORGANIZATIONS

aims, intentions, activities of groups

SECRETARIAT FOR FUTURE STUDIES

Recently established (1973), subordinated to the Prime Minister's Office of Sweden

Chief of the Secretariat is Professor Lars Ingelstam

(Further information) Handelsdepartement, Fack, 103 20 Stockholm 16, Sweden)

SELSKAPET FOR FREMTIDSSTUDIER (*Sefrem*)

Norwegian Society for Future Studies

Established October 18, 1972

President Mr Svein Dalen, Managing Director Norwegian Productivity Institute

Director Mr Odd T Grande, Ph D

The tasks of Sefrem are

- to produce and exchange information on futures studies and to make results from such studies generally known and discussed,
- to facilitate contacts among members and among the members and other institutions and persons engaged futures studies,
- to initiate and organize conferences and seminars,
- to initiate and participate in study projects with members expressing interest in a special field of studies

(Further information) Sefrem, P O Box 8401, Hammersborg, Oslo 1, Norway)

SENECA COLLEGE OF APPLIED ARTS AND TECHNOLOGY

Recognizing its responsibilities to promote international cooperation, Seneca College has established a Centre for International Programs to help diffuse the benefits of achievements internationally, enhance sensitivity to foreign cultures and alien environments, and arouse concern over the dangers of uncontrolled exploitation of international resources and environment.

The Centre for International Programs at Seneca College has established five key objectives to

aims, intentions, activities of groups

- offer diploma and certificate courses in international business through the College's Business Division,
- sponsor seminars and conferences on matters of International concern, such as international trade, pollution control population problems and community welfare,
- promote exchanges of students and faculty with similar colleges a broad and negotiate mutual recognition of course credits in cooperation with Seneca's Director of Mobile Learning Programs,
- conduct transfers of technology workshops to identify obstacles and problems in the international transfer of technology, and to develop feasible solutions by adapting machines and know-how for application elsewhere,
- develop collaborative arrangements with colleges and other institutions abroad, in cooperation with the Director of Mobile Learning Programs

(Further information Ranjit Kumar Director, Centre for International Programs, Seneca College of Applied Arts and Technology, 1750 Finch Avenue East, Willowdale, Ontario, Telephone (416) - 491-5050)

intentions, changes of address

ARCHIBALD J BAHM

Teaching and research, professor of philosophy

Permanent staff member off University of New Mexico, Professor Emeritus in the process of establishing an Institute for Philosophia Research and Development

Recent published works "Metaphysics, an Introduction, New York, Barnes and Noble division of Harper and Row (in preparation), "Directory of American Philosophers VI", 1972-73, 1972 "Polarity, Dialectic, and Organicity", Springfield, Ill, Charles C Thomas, 1970, "Bhagavad Gita the Wisdom of Krishna", Bombay, Somaya Publications, 1970, "Directory of American Philosophers V", 1970-1971, 1970 "The Hearth of Confucius", Tokyo, J Weatherhill, and New York, Walker and Co, 1969, "Directory of American Philosophers IV", 1968-69 1968, "Yoga for Business Executives", New York, Citadel Press, 1965, London, Stanley Paul, 1967, New York, Information Inc, 1967, Spanish translation Buenos Aires, Signo Viente (in preparation), "Executive Yoga", New York, Paperback Library, 1970, "The World's Living Religions", New York, Dell Publishing Co, Laurel Edition paperback, 1964, Carbondale, Southern Illinois University Press, London, Amsterdam, Feffer and Simon, "Directory of American Philosophers III; 1966-67, 1966, Japanese translation, Tokyo, Shunnuju-sha, (in preparation), Hindi translation, Candigar, Harana Hindi Grandth Akademi, (in preparation), "Types of Intuition", Albuquerque, University of New Mexico Press, 1961, paperback, Yoga, "Union with the Ultimate" (Patanjali's Yoga Sutras), New York, Frederick Ungar Publishing Co, 1961)

(Further information University of New Mexico, Dept of Philosophy, Albuquerque, New Mexico 87106 (USA)

JOHN B CALHOUN

Research psychologist experimental animal population research, environmental design, human evolution

Permanent staff member of National Institute of Mental Health

Recent published works "Disruption of Behavioral States as a Cause of Aggression", Nebraska Symposium on Motivation, 1972, p 183-260, 1973, Introductory remarks to the Symposium "Environmental Design Research in the Social and Political Context?" Proceedings of the Fourth Environmental Design Research Association Conference, vol 2, Dowden, Hutchinson and Ross, 1973, "What Sort of Box?" Man Environment Systems, 3 (1), Section C-1, 1973, "Man and the Environment", in Journal of Environmental Health, 35 (3), 1972, p 236-246, "Environmental Behavior Origins and Perspectives", in Journal of Environmental Health, 35 (3), 1972, p 220-225 (with G G Wheeler), "Plight of the Ik and Kaiadilt Seen As a Chilling Possible End of Man", Smithsonian, 3 (8), 1972, p 26-33, "The Population Crisis Leading to the Compassionate Revolution and Environmental Design", in World Journal of Psychosynthesis, 4 (6), 1972, p 21-28, "Values from an Evolutionary Perspective", in Journal Environmental Health, 34 (6), 1972, p 578-583, "Declaration of Environment", in Journal of Environmental Health 34, (4), 1972, p 357-364, "Transitory Population Optima in the Evolution of Brain Is there an Optimum Level of Population?", New York, McGraw Hill, 1971, p 265-271, "Space and Strategy of Life", in Behavior and Environment, "The Use of Space by Animals and Men", New York, Plenum Press, 1971, pag 329-387

(Further information Section on Behavioral Systems, Laboratory of Brain evolution and Behavior, National Institute of Mental Health, Education and Welfare, Bldg 110, Nihac, 9000 Rockville Pike, Maryland 200014 USA)

ALEXANDER CHRISTAKIS

Academy Associate, The Academy of Contemporary Problems

(Further information The Academy of Contemporary Problems, 505 King Avenue, Columbus, Ohio 43201, USA)

SAM COLE

Researcher futures research

Permanent staff member of Sussex University, Science Policy Research Unit

Recent published works "Thinking About the Future" (Co-ed), London, Sussex University Press, May 1973

(Further information University of Sussex, Science Policy Research Unit, Nuffield Building, Falmer, Sussex BN1 9RF, Brighton, England, tel 686758)

EMILIO FONTELA

Economist, Director, Applied Economic Department, Battelle

(Further information Battelle Institute, 7 Route de Drize, 1227 Carouge, Geneva, Switzerland)

I SAMIR GHABBOUR

Department of Natural Resources (Animal Ecology – Physiology – Biogeography), Management of Natural Resources

Permanent Staff member of Cairo Institute of African Research and Studies

Recent published works "Insecticides and Cotton in Egypt" (in preparation), "Towards a Classification of Ecosystem Management Patterns", in Biol Conservation (in preparation), "Birds as Agricultural Pests in Africa", in Cairo African Studies, 1, 1972, p 101-124, "A Contribution to the Moss Flora of Egypt", in Bot Notiser, 125, 1972, p 518-522, (in cooperation with M Iman), "Some Aspects of Conservation in the Sudan", in Biol Conservation, 4 (3), 1972, p 228-229, "Flora of the Nile Region at the Dongola Reach, Sudanese Nubia", in Rev Zool Afric, 85 (1-2), 1972, p 1-29, "Nitrogen Contribution by Live Earthworms to the Soil", in Ann Zool – Ecol Anim No horserie, (Actes I Ve Coll Intern Zool Sol Dijon, Sept 1970), 1971, p 495-501, (in cooperation with A K E I – Dunweini), "Some Aspects

of Conservation in Egypt", in Biol Conservation, 4 (1), 1971, p 66-67, "The Genus Alma (Microchaetidae Oligochaeta) in Egypt and the Sudan", in J Nat Hist, 3, 1969, 1969, p 471-484 (in cooperation with B G M Jamieson), "A Floristic Study of the Nile Valley at Aswan", in Rev Zool Bot Afric 78, 1968, p 394-407, (in cooperation with M N El-Hadidi)

(Further information 33 Misaha St Dokki, Giza, Egypt tel 980789)

ERZSBET GIDAI

University Professor Prognostic, social prognostic
Permanent staff member of MTA Research Group for Prognostic
Recent published works "Zukunftsforschung und Prognosen", Fundamental elements of economic prognostic

(Further information Semmelweis University Budapest, Budapest, IX Högys E u 5-7, Hungary, tel 336125)

EDWARD GOLDSMITH

Editor, the Ecologist

(Further information "Ecologist", Catesby, 73, Molesworth Street, Wadebridge, Cornwall, PL 27 7DS, England, tel 2996/7)

ODD GRANDE

Director, Norwegian Society for Future Studies

(Further information Norwegian Society for Future Studies, Box 8401, Hammersborg, Oslo 1, Norway)

MARIA KOSZEGY

works in the Research Institute for World Economy, of the Hungarian

Academy of Sciences This Institute studies different world problems and compares the economies of the developed and under developed, socialist and capitalist countries to 1990

Permanent staff member of Research Institute for World Economy, Hungarian Academy of Sciences

MICHAEL MARIEN

Formerly with the Educational Policy Research Center, Syracuse, N Y currently Project Director of the World Institute, 777 United Nations Plaza, New York, N Y 10017

Information from vol III, 1, February, p 15

(Further information M Marien, Webster Road, LaFayette, N Y 13084, USA)

CANDIDO MENDES DE ALMEIDA

Professor, president, conjunto Universitario Candido Mendes

(Further information Conjunto Universitario Candido Mendes, Sociedade Brasileira de Instrucao, Praça 15 de Novembro 101, Rio de Janeiro, Brazil)

JOHANN MILLENDORFER

Research Director, studies of societal development

Permanent staff member of Austrian Research Institute for Development, Chamber of Commerce

Recent published works "Osterreich 1980 – Methoden und Ergebnisse Langerfristiger Prognosen", Osterr Ingenieurzeitschrift, 1973 (in preparation), "Methodische und Inhaltliche Aspekte des Berichtes des Clubs of Rome", "Wirtschaftspol Blatter 9-10, 1973, "Differenzierte Entwicklungshilfe", in "Report" Zeitschrift fur Jugendarbeit und Jugendforschung in Osterreich, 15/1973, "Metamorphose des Fortschritts – ein Modell fur Osterreich", in Von der Quantitat zur Qualitat Schriftenreihe der Kath

Sozialakademie, Vienna, 1973 (in preparation), "Innere und Aussere Grenzen des Wachstume", Vienna, Wort und Wahrheit, 5, 1973 (in preparation), "Kapital, Bildung, Struktur in der Langerfristigen Entwicklung, Osterreich 1918-1980", together G Gaspari, Forschungsbericht d Studien-gruppe f Internat Analysen, Veroffentlich un dem titel "Prognosen fur Osterreich", Vienna, Verlag f Geschichte und Politik, 1973

(Further information Osterreichische Forschungsstiftung fur Entwicklung (Austrian Research Institute for Development), Turkenstrasse 3, 1090 Vienna, Austria, tel 0222/340151)

GOPAL S PURI

Formerly Director, Central Botanical Laboratory, Government of India, Allahabad, India, Professor and Head, Department of Agricultural Botany, University of Science and Technology, Kumasi, Ghana, Technical Secretary, Indian Council of Ecological Research, Dehradun, India, General Secretary, International Society of Tropical Ecology, Hon Consultant, UNESCO, Humid Tropics Programme

Now Researcher and lecturer on human ecology, application of the science of yoga relaxation for the cure of depression, tension, asthma, psychosis, neurosis and mental disorders

(Please see the Research Section for further details on Prof Puri's activities)

(Further information G S Puri, Liverpool Polytechnic, Byron Street Liverpool, England)

GORDON RATTRAY TAYLOR

Author, researcher

Recent published works "Rethink A Paraprimitive Solution", 1972, "The Doomsday Book", 1970, "The Biological Time Bomb", 1968, "The

Mothers", by Robert Briffault abridged with an introductory essay and biographical sketch by G Rattray Taylor, 1959, "Growth", Life Science Library, 1965, "The Science of Life A History of Biology", 1963, "Eye on Research", 1960, "The Angel Makers", 1957, "Sex in History", 1954, "Are Workers Human? The Role of Sociology in Industry", 1950, "Conditions of Happiness", 1949, "Economics for the Exasperated", 1947

(Further information The Hall, Freshford, Bath BA36EJ Som, England, tel Limpley Stoke 2522)

JK ZARNEY

Macro-economist Coordination Secretary of the Secretariat of the Hungarian Academy of Sciences

Permanent staff member of Hungarian Academy of Sciences

Previously worked at the Institute of Agricultural Economy Has contributed to studies on the comparative development of the Bulgarian country and on the middle-range agricultural plan of Hungary

**CANADIAN BUSINESS IN THE WOLRD COMMUNITY LIVING IN
THE WORLD COMMUNITY**

April 26-27, 1973

Place Seneca College, Ontario, Canada

(Further information Centre for International Programs Seneca College of Applied Arts and Technology, 1750 Finch Avenue East, Willowdale, Ontario, Canada)

**COMMUNICATION MEDIA AND THE FUTURE OF HIGHER ED-
UCATION**

International Symposium Stuttgart, November 3rd and 4th 1973

Higher education must undergo far-reaching transformations in an era in which all education is faced with profound and urgent challenges so that it may respond to the changes in society, the democratic aspiration of the people and the need for lifelong education. What is the role and contribution of the communication media to this transformation? This is the topic for an International Symposium of specialists in the fields of communication and higher education to be convened in Stuttgart, Federal Republic of Germany, on November 2-4, 1973. Convened under the scientific chairmanship of Dr Henry R Cassirer, formerly Director of mass Media in Education, UNESCO, the Symposium is being organized by the 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, and in consultation with the Division of Higher Education and the Department of Free Flow of Information and the Development of Communication, UNESCO, as well as the Secretariats of the International Association of Universities and the International Association for Mass Communication Research.

(Further information Deutsche Verlags-Anstalt GmbH 7000 Stuttgart 1, Postfach 209, tel 0711/2151, telex 06-22503)

EVENTS

meetings, courses, lectures, exhibitions etc

FROM HERE TO 2000 A D CHALLENGES & RESPONSES FOR THE WESTERN WORLD

Date July 24 August 3

Place Oxford

Organizer The European Atlantic Movement (TEAM), with the support of the IBRD, OECD, NATO, the Council of Europe, the European Community, and EFTA

Venue St Edmund Hall

Aim to observe the contemporary human situation, economic and ecological, educational and cultural, moral and social, political, scientific and technological, as a stimulus to action, and to promote the cross-fertilization of ideas among forward-thinking people

Content and relevance Conference procedure will embrace about a dozen major addresses by national and international figures, plus seminars and tutorial groups Throughout the Conference, two questions will be of equal concern "What may our world be like in 1979-89-99?" and "What can and should we be doing about in now?"

Speakers: Dr Kenneth Boulding, Prof of Economics, University of Colorado, Dr Henri Brugmans, former Rector of the College of Europe, Lord Chalfont, Defense Expert and Consultant on Foreign Affairs, London, Derek Ezea, Chairman, The National Coal Board, London, Victor Feather, General Secretary, Trades Union Congress, London, Raymond Georis, Director, "Plan Europe 2000", Amsterdam, R J A Hargreaves, Director of Public Affairs, IBM, London, Dr Herbert Jocher, Head of the Division of Out-of-School Education, Council of Europe, Dr Alexander King, OECD Paris, and Member of the Executive Committee, Club of Rome, John Maddox, Editor of "Nature", London, Dr Richard Mayne, Director, Federal Trust for Education & Research, London, Dr Wayne Wilcox, Cultural Affairs Attachè, American Embassy, London

(Further information The European-Atlantic Movement (TEAM), 7 Cathedral Close, Exeter Devon EX1 1EX, England)

meetings, courses, lectures, exhibitions etc

FUTUROLOGY II

Place College of Mount St Joseph, Ohio

Date June 10-13, 1973

Organizers College of Mount St Joseph

Papers and speakers James F Ahren, David Brinkley, Reid Buckley, Agnes Demille, Renè Dubos, John L Hazard, Hal Hellman, Max Lerner, John McHale, Edward C Pandorf, William E Potter, George Shields, Robert Theobald

Information from The Futurist, Vol VII, 1, February 1973, p 35

(Further information College Mount St Joseph, Futurology II, Sociology Dept B, Mount St Joseph, Ohio 45051)

NATIONAL CONFERENCE ON ORIENTATION AND SCHOLASTIC PSYCHOLOGY PROBLEMS

Sponsor Centro di orientamento scolastico e professionale del Consorzio provinciale per l'istruzione tecnica di Pesaro (Centre of Scholastic and Professional Orientation of Provincial Society for Technical Education, Pesaro)

Date and place 26-29 September 1973 — Sala Teatro (Theatre hall) "P Damiani" via Napoli, 38, Pesaro

(Further information Secretariat V del Governatore, 11, 61100 Pesaro, Italy (tel (0721) 30332)

NEW YORK UNIVERSITY EXPERIMENTAL WORKSHOP PLAYERS

on a giant checker-board have played a futuristic game as part of alternative futures, a dramatic projection of two life-styles isolationism and communalism

John Jex, World Future Society member, produced and directed the pro-

EVENTS

meetings, courses, lectures, exhibitions etc

grams Her husband William wrote the play
Information from *The Futurist* Vol VII, 12, February, 1973, p 1
(Further information Joan and William Jex, 110 Bleecker St, Apt 21 F, New
York, N Y 10012)

SCENARIO PER L'EUROPA (*Scenario for Europe*)

Sponsor Centro italiano di formazione europea (Italian Centre of
European Training)

Place Palazzetto Venezia, Piazza San Marco, 3, Rome

(Further information Centro Italiano di Formazione Europea, Via della Ferratella
41, Roma)

THE VULNERABILITY OF OUR ADVANCED TECHNOLOGICAL SOCIETY

Second Announcement of the 5th General SAINT Conference

Date 15th - 19th September 1973

Place Schloss Leopoldskron, Salzburg, Austria

Conference theme

- Is our technology too big, too inflexible?
- What would an alternative technology look like?
- To what extent can dissident groups disrupt our technostructure?
- How does technology relate to the counter-culture?
- Do other cultures have more intelligent ways of approaching technology?

(Further information Louis Turner, RIIA, Chatham House, 10 St James Square,
London SW1Y 4LE)

EVENTS

meetings, courses, lectures, exhibitions etc

LIFEBOAT WORKSHOP ON ECOVILLAGES

All persons who participated in the Rome Special World Conference on
Futures Research as well our readers are cordially invited by Herrn Repen-
ing and Peter Menke Glukert to join the "Lifeboat Workshop on Ecovillages",
to be held in the autumn of 1974 in Heidelberg, Germany The workshop
will be sponsored by the Deutsche Gesellschaft für Zukunftsfragen

DATE	THEME	PLACE	ORGANIZERS
1973			
July 24-Aug 3	<i>From Here to 2000 A D Challenges and Responses for the Western World</i>	Oxford (England)	The European Atlantic Movement (TEAM) with the support of IBRD, OECD, NATO EFTA Council of Europe, European Community
August			
13 - 18	<i>The Evaluation Problems in Scientific Education and the Use of Educational Technologies</i>	Jerusalem (Israel)	Asian Association for Biological Education (AABE) with the cooperation of the World Institute of the Afro-Asian House, of the Centre for Educational Technology of Israel, of AMOS de Shalit Science Teaching Centre and the Hebrew University of Jerusalem
26 - 30	<i>The Contemporary Metamorphosis of Religion?</i>	The Hague (The Netherlands)	CISR
27 - 31st	<i>Eighty-First Annual Convention of the American Psychological Association</i>	Montreal (Canada)	American Psychological Association

DATE	THEME	PLACE	ORGANIZERS
27 - 31	<i>Development of Production Systems</i>	Copenhagen (Denmark)	International Conference on Production Research, The Technical University of Denmark
29 - 31	<i>The Design Activity International Conference</i>	London (England)	Design Research Society, U.K., Design Methods Group, USA
	<i>Nationalism, Technology and Development, VIIIth Regional Conference of the Pan American Committee of the CIOS</i>	Caracas (Venezuela)	CIOS
September			
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 "Nicolo' Rezara"

DATE	THEME	PLACE	ORGANIZERS
15 - 19	<i>The Vulnerability of Our Advanced Technological Society, 5th General SAINT Conference</i>	Schloss Leopoldskron Salzburg, (Austria)	SAINT
25 - 30	<i>Human Needs, New Societies, Supportive Technologies</i>	Rome (Italy)	Continuing Committee for World 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
October			
14 - 17	<i>Nuclear Plants in Europe Yesterday, Today, Tomorrow, Vth Conference of Nuclear Industry</i>	Florence (Italy)	Forum Atomique European FORATOM
November			
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
1973 or 1974	<i>Professions of the Future and the Future of Professions</i>	Berlin (Germany)	Zentrum Berlin für Zukunftsforschung EV ZBZ
1974			
April	<i>The Application 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
August			
19 - 30	<i>3rd World Conference on Population</i>	New York (USA)	United Nations Department of Economic and Social Affairs

ALTERNATE POSSIBLE URBAN FUTURES

by H Wentworth Eldredge

adapted from Chapter 16 in his forthcoming book "World Capitals Toward Guided Urbanization and Urbanism" (working title), to be published by Doubleday and Company, New York, 1974 Dartmouth College supported his research

This work was prepared for the ISTA Conference, the Hague, May 27 - June 2, 1973

CURRENTS PROJETS OF THE "INSTITUTE FOR THE FUTURE"

These projects include, among others

- *A Policy-Formulation Interrogation Network* this research aims at developing an interactive computerized process to replace conventional questionnaire techniques. An investigator defines his topic, selects a panel of experts to participate in the inquiry, and perhaps formulates specific questions. He then feeds the preliminary information into a computer and arranges for each expert to establish communications with the computer system via a computer terminal convenient to him. The computer system then conveys questions, answers, and other information to and from each expert individually. The computer tabulates information gathered at each step of the inquiry.
- *Multi-client Look-Out Service* this is the first of a series of multi-client research projects to assist industry in its long range planning. Four companies - Du Pont, Lever Brothers, Monsanto, and Scott Paper - are being helped to identify, track and assess the major areas of societal, technological, economic, and regulatory changes likely to exert a notable impact on their future development.
- *Remote Conferencing Network (Recon)* the Institute is exploring a modified Robert's Rules of Order procedure which can handle

“shades of gray” decisions, replacing the either or options normally associated with Robert’s Rules. Researchers are also studying ways to present group opinions in a rapid graphical format so as to protect the anonymity of respondents. The system is to be used in technology forecasting, technology assessment, and group problem solving.

— *Societal Impact of Computers* the Institute plans to hold four workshops to assist the U.S. National Science Foundation in formulating a program of research aimed at improving man’s understanding of the social impacts of computers. The workshops will cover four major areas: (1) perceptions, attitudes, and “literacy” regarding the computer, (2) computers and financial processes, (3) computer modeling as an aid to decision making, and (4) computers and individual access.

Information from *The Futurist*, Vol VII, 3, June 1973, p. 126

ENVISIONING THE FUTURE INDUSTRIAL STRUCTURE

by MITI, Information Office, July 24, 1973, no. 73-31

In May 1971, the Industrial Structure Council, an advisory organ to the Ministry of International Trade and Industry, in an interim report to the Ministry, recommended a course on the “knowledge intensification of the industrial structure.” Today, enactment of this recommendation is being demanded even more urgently as a result of changes which have occurred since then in the domestic and external situation, i.e., the tightening world-wide supply and demand for resources and energy, intensified international friction as observed in the world monetary system, trade and the like; aggravated environmental problems, etc. In order to establish a policy to formulate a specific concept for the knowledge intensification of the industrial structure as well as for its realization, the Industrial Structure Council has been earnestly studying the matter through deliberations in each of its committees. The

results are an outline of the Council’s thoughts concerning a series of its projects.

THE EVOLUTION OF THE COOPERATORS’ UNIVERSE

The Cooperator’s aim is to induce Earth intelligence to look ahead with due respect for past experience, to foresee the difficulties into which evolution may be leading the world.

Already many ways have been found of influencing the course of Nature’s evolution, and there are many more still to be found in both universes. There is nothing static in the evolution of either one. Some very powerful forces have been formed out of primordial energy, and their control is essentially for man’s survival.

(Further information “The cooperator’s” of the Laucks Foundation, Irving F. Lauck, President, 226 East Canon Perdido, Santa Barbara, California 93103)

HUMAN ECOLOGY (*The 1973 Research Report of the Department of Biology*)

by Gopal S. Puri

The machine is the powerful factor in the environment of man that has been provoked by the environmental impact on man and society through world-wide technological developments. The grave world problems, such as pollution, food production, technology, etc., create tensions (political, social, cultural and religious) on the global scale in the developed world, the communist world and the developing world. The greatest problem today is the interpretation of new knowledge on both the adult and children’s levels.

The approach is interdisciplinary. Furthermore, a new practical technique has been developed to increase mental resources and physical

ACTIVITIES

on going research and studies

energy in persons living under conditions of great stress

Information from "The Lamp", Vol 1, Number 6, June 1973

(Further information Gopal S Puri, Liverpool Polytechnic, Byron Street, Liverpool, U K)

THE LIMITS OF TRADITIONAL ECONOMICS

New models for managing a "Steady State Economy"

by Hazel Henderson

Information from The Financial Analysts Federation, 1973, reprinted from Financial Analysts Journal, May-June 1973

(Further information Hae Henderson, 60 Hodge Rd, Princeton, N J 08540)

PROBLEM-POSSIBILITY FOCUSER ON EDUCATION

Problem-possibility focusers are a new type of document They are based on a fundamental belief that we are moving from the industrial era into a new era which might be called the communications or cooperative era (For a discussion of the implications of this reality see Problem-Possibility Focuser on the Future, available from Swallow Press, 1139 S Wabash Avenue, Chicago, Illinois 60605)

These documents are not designed to be sophisticated an attempt has been made to simplify the issues which we must consider as we move into the communications era These documents also reflect the fact that we have only recently begun to understand the nature of the communications era They are therefore not designed to set down the views of a single person but rather to state the best current thinking on the area under discussion — in this case education

A document on current agreements and disagreements is sent with other documents.

ACTIVITIES

on going research and studies

The structure of global survival, by John Platt

America's Third Century Breakdown or Renaissance, by Robert Theobald
Three Scenarios, taken from 'The Future of Social Selection', by Michael Marien

Planning amid forces for institutional change, by Willis W Harman

(Further information Futures Conditional, Box 1531, Wickenburg, Arizona 85358, USA)

SOCIAL TRAPS

by John Platt, "A new area of study is the field that some of us are beginning to call social traps The term refers to situations in society that contain traps formally like a fish trap, where men or organizations or whole societies get themselves started in some direction or some set of relationships that later prove to be unpleasant or lethal and that they see no easy way to back out of or to avoid"

(Further information John Platt Center for Advanced Study in the Behavioral Sciences, 202 Junipero Serra Boulevard, Stanford, California 94305)

Arthur G Clarke PROFILES OF THE FUTURE

An inquiry into the Limits of the Possible revised edition, 1973, pp 239
Information from The Futurist, 2 April 1973, pag 90, 11 October 1973

COMMUNITY PARTICIPATION IN CITY DECISION MAKING

by Simon Nicholson and Barbara Katharine Schreiner

published by The Open University Press (Milton Keynes), June 1973

A new and holistic view of the design process, and the ways in which the environment may be built. The book is divided into 10 major sections

- Architecture is in a state of flux
- A definition of community
- The theory of loose parts
- Design is behaviour
- Education and awareness
- Information and Communications
- Continuous Evaluation
- The catalyst theory
- Polyculture
- Project

The book, Unit 22 of the DT 201 'Urban Development course and its supplementary materials and audio-visual handbook may be obtained from the Director of Marketing, The Open University, The Mount, Simpson, Milton Keynes, England

(Further information Simon Nicholson Faculty of Technology, The Open University, Walton Hall, Milton Keynes, MK7 6AA, England)

ENERGY POLICY THE ECONOMICS AND PLANNING OF ENERGY

This quarterly deals with the economics and planning of the production, conversion and use of energy.

Commencing June 1973

One year's subscription (4 issues) £st 14 00

PUBLICATIONS

recent or in press

Information from "Futures", vol 5,1, Feb 1973

(Further information IPC Science and Technology Press, Limited, IPC House, 32 High Street, Guildford, Surrey, England)

HUMAN ECOLOGY

by Gopal Puri and Kailash Puri, Yoga Relaxation Meditation 2nd edition, Roopuati Publications, Blundellsands, Liverpool 23 England 1973

The booklet deals with the stress and tension of life in the urban-industrial society which causes a number of psycho-somatic and nervous disorders in people Executives, students, doctors, clergymen, housewives, workers, etc, are all affected by this growing phenomenon Increasing leisure is another affliction, bringing loneliness, it encourages smoking, drinking and drug addiction, unhealthy habits which, in turn, lead directly to ulcers, cancer and bronchitis In its second part, the booklet explains methods of relieving tension through religion, with examples cited from all world religions to show how the lonely can find solace in philosophy and spiritual matters The booklet demonstrates the methods by which one can achieve relaxation and peace of mind through yogi techniques of breath control and sense withdrawal Case histories illustrating how people have recovered through these techniques, are cited

(Further information Prof G S Puri, Liverpool Polytechnic, Byron Street, Liverpool, England)

SCHOOLING UP FOR A FUTURE WITH THE FUTURISTS

Media and Methods (March 1973) pp 26-29, by Dennis Livingston
Contains suggestions for starting futures courses and an extensive list of futuristic educational resources

SCIENCE FICTION TAUGHT AS FUTUROLOGY

Extrapolation (May 1973) pp 152-156, by Dennis Livingston Contains

PUBLICATIONS

recent or in press

suggestions on teaching science fiction from a social science/futuristic perspective

(Further information Dennis Livingston, 2640 Dartmoor Rd, Cleveland Hts, Ohio 44118, USA)

SCIENCE FICTION STUDIES

is a new scholarly journal, available from Department of English Indiana State University, Terre Haute, Indiana 47809, USA

Edited by science fiction scholars R D Mullen, of Indiana State, and Darko Suvin, of McGill

TECHNOLOGICAL BREAKTHROUGHS AND WIDESPREAD APPLICATION OF SIGNIFICANT TECHNICAL DEVELOPMENTS

New York, McGraw-Hill Publications Company, 1972, pag 39

This is a survey of possible future technological developments Experts in approximately 150 private firms and government research agencies responded with their estimate of the year when technological developments would 1) occur, 2) be commercially introduced, 3) be widely used
Information from The Futurist, Col VII, 2, April 1973, pag 83

Future Forum was set up by IRADES as an exchange of ideas on the future. To this end, IRADES offers its services to encourage direct meetings between individuals, and proposes its Rome headquarters as a centre for futures experts and students in need of a Rome postal address, a meeting room, a library in formation on Italian futures studies etc, within the limits of its possibilities.

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