



# NEWSLETTER

SOCIAL AND HUMAN FORECASTING

by Irades - Istituto Ricerche Applicate Documentazione e Studi

6. Via Passello, 00198 Roma

## WINTER 1972

*Newsletter is growing with the development of the field of studies of which it gives information, this issue is bigger than the previous ones though the information is related only to the last couple of months and to the forthcoming months*

*We are also glad to be able to update and render much more precise the part of information on Germany which we had published in Social Forecasting '72, updating which will continue in the next issue, this is due to the help of our friends and readers in Germany and shows how the help we can receive from other countries is also of service all our readers*

### SCHEME

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**BILDUNGSWERK EUROPÄISCHE POLITIK**

This institution was created in April 1959 as a coordinating body for the associations and institutions of the federal Republic of Germany concerned with educational research work. The main accent has been put on educating the public in European political questions. Its task consists in establishing the scientific basis for the work of the associated institutions. In order to reach this objective, research contracts are granted, expert conferences and seminars organized.

*Research activities and studies*

"Europa 1980" A study of the political, social and economic development of Europe as a whole with the exception of the Soviet Union up to 1980. The analysis is carried out on the development of several specific models at the preliminary stage of the enquiry. Three models have been formulated as a hypothesis:

- 1 The model of 'statu quo' prolongation
- 2 The model of Western European Integration
- 3 The model of all European Cooperation

Responsibles: Dr Gerda Zellentin in collaboration with Hans Ehnert and Beate Kohler, the study is prepared by the Bildungswerk Europäische Politik in cooperation with the Research Institute for Political Science and European Questions of the University of Cologne (Forschungsinstitut für Politische Wissenschaft und Europäische Fragen der Universität Köln, 5-Köln/Lindenthal Gottfried-Keller-Strasse 6, Director F A Hermens).

"The Future of Europe" A selected bibliography on the future development of Europe, an overall survey of organisations and institutes active in the field of long-range forecasting, an analysis of methods of Future Research.

Responsibles: Beate Kohler and Renate Nagel

Published in 1968

*President* Friedrich Carl von Oppenheim

*Secretary General* Katharina Focke

*(Further inf: Bildungswerk Europäische Politik, Stolkgasse 1, 5-Köln, Germany)*

*We would like to underline that the Newsletter is not simply a mean of information but a way of intercommunication a service between the people that 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 it is considered to be of particular interest and relevance to the efforts now being made to anticipate needs means appropriate goals and to our emerging world community*

*2) An idea it is useful to exchange with others, of concerning which information is required*

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

**THE DREYFUS CORPORATION** announced that it has acquired a 30% interest in The Futures Group, a systems research and management consulting firm located in Glastonbury, Connecticut. The Futures Group specializes in forecasting future technological and social development and their implications for planning and decision-making, and has performed this function for many corporations throughout the world. One venture resulting from this association is the development of an advanced forecasting service for industry and the financial community. This service, which is called 'Prospects', will be based not only on extrapolation of past data as is typical of most forecasting reports today, but also on explicit consideration of a wide range of significant future developments. The first publication of Prospects is planned for early next year.

*(Further inf David Bronheim, 767 fifth Avenue, New York, N Y 10022, USA)*

**FONDATION EUROPEENNE DE LA CULTURE** (*European Cultural Foundation*) FEC - ECF

(please add to pag 84-85 of Social Forecasting 1972)

Founded in 1955, Paris

Private foundation, non profit

*Aims* to encourage and support multi-national European projects in scientific, educational and artistic fields,

*Is interested in* social forecasting and forecasting in general with activities of study, research and information, long term forecasting

Working method international, multi-disciplinary

*Research* "Plan Europe 2000" a five year research plan operating since 1966 for the determination of a place for man in the society of the XXI century. The plan is composed of the following four research projects

Project no 1 educating man for the XXI century

Project no 2 the Future of Mankind and Industry

Project no 3 Urbanisation-Creating a Way of Life for Europe

Project no 4 Rural Society in the Year 2000

has organized various seminars for Plan Europe 2000

*Periodical publications* Newsletter, Europe 2000, monthly

*Non periodical publications* various studies launched or supported by ECF

– Citizen and City in the Year 2000 (proceedings of the 7th Congress of the European Cultural Foundation) AEE Kluwer, Deventer

– The Future is Tomorrow (General Prospective Studies) M Nijhoff, the Hague

– Fears and Hopes for European Urbanization (Urban Prospective Studies) M Nijhoff, the Hague

– L'Europe en l'An 2000 (Etudes prospectives generales) Artheme Fayard, Paris

– Perspectiven Voor Enr Aavaardbare Tockmst (General prospective studies) AEE Kluwer, Deventer

– Op Zock Naar de Stad Van Morgen (Urban prospective studies) A E Kluwer, Deventer

– Zie Zukunft Des Europaischen Bildungswesens (Friedrich Edding, Gruppe 2000, Jan Tinbergen) Verlag Moritz Diesterweg, Frankfurt

– Possible Futures of European Education (F Edding, J Tinbergen, B Hake), M Nijhoff, The Hague

*President* His Royal Highness the Prince of the Netherlands

*Vice-president* Prince Peter of Greece and Denmark

*Secretary General* George Sluizer

*(Further inf Fondation Europeenne de la Culture, Jan van Goyenkade 5, Amsterdam 1007, the Netherlands, tel 760222)*

**INSTITUT FUR ARBEITSMARKT – UND BERUFSFORSCHUNG** (*Institute for Employment and Occupation Research*)

*Research activities and studies* (among others)

Research on Manpower in the OECD, Occupational Trends among Old Workers, The Cooperative Productivity of the Various Sectors

Long-term Forecasting of the Labour Market in the Federal Republic of Germany, Techniques, Problems, Possibilities and Limitations

In this Institute, many projects on forecasting the future trends in occupations and of the labour market are done

*Publications* Mitteilungen (published 5 times a year), with reports on the results of the projects of the Institute

Forshungsdokumentation zur Arbeitsmarkt – und Berufsforschung (Research Documentation of the Employment and Occupational Research), Yearly (with 2 editions each year)

*(Further inf* Institut fur Arbeitsmarkt und Berufsforschung, D-852 Erlangen, Strumpellstrasse 14, Germany)

**OFFICE OF TECHNOLOGY ASSESSMENT – OTA** voted in September 1972 by the Senate

Small staff of professionals whose work will be overseen by a Board of Congressmen divided equally between Democrats and Republicans

Advising this board will be a committee of 12-10 members of the public and two civil servants, who will probably have the authority to revise the findings of the office staff. Subjects for study by the office will most likely emanate from senior Congressman and the Board. As to methods of pursuing this relatively new subject, the office expected to rely heavily on the National Science Foundation

*Aims* it will evaluate for the congress, the likely effects of new legislation involving Scientific and Technological issues

**UNIVERSAL DEVELOPMENT CENTER**

ICC's Headquarters in Northridge, California (see also Social Forecasting 1972, p 85-86) contains a Universal Development Center whose aim is to seek out and utilize all possible means toward the growth of the whole person, the emergence of the universal man

**UNIVERSITAT KARLSRUHE**

(p 56 of Social Forecasting 1972)

Please consider this organization in category technological forecasting

**WERNER REINER STIFTUNG** (*Werner Reiner Foundation*)

Founded in 1963, Bad Homburg

Foundation, private

*Aims* the scientific work of the foundation must cooperate to the understanding of the development of man and his institutions, to analysis his present problems, to understand the trends of his development in order to open his way to the future

The foundation was first founded in order to promote anthropological forecastings. Now it plans the institution of an interdisciplinary study group whose themes of study will be

- 1) Language of Science and Spoken Languages
- 2) Early Child Education
- 3) Human Ecology Anthropology of Buildings
- 4) The Future of Progress
- 5) Family in the Industrial Society
- 6) Aesthetics in View and Social Sciences
- 7) Analysis of a Valid Cultural Presentation

*Director Konrad Muller*

*(Further inf Werner Reiner Stiftung, Am Wingertsberg 4, 638 Bad Hornburg, Germany)*

### ZENTRUM BERLIN FUR ZUKUNFTSFORSCHUNG

#### ZENTRUM BERLIN FUR ZUKUNFTSFORSCHUNG EV – ZBZ *(Berlin Center for Future Research)*

*(Please add and substitute on p 150)*

The working groups are concerned with the following subjects 1) Urban Development, 2) Research on Old Age, 3) Technological Innovation, 4) Simulation Model for Natural Education Systems, 5) Center for Science and Technology, 6) Future Tasks for the Churches, 7) Attractivity of Big Cities, 8) Experiment in Goal Finding (the Goals have to be weighed and evaluated from different points of view Federal Republic of Germany at present time, Europe 1980, United Nations View 200 etc )

*Research* Mid 1972 the following studies have been completed

- 1) System Analysis Aids for Decision Making in Politics Projectleader H H Koelle, sponsored by Department for Foreign Affairs, Bonn,
- 2) Structural Development in the Economics and Societies of Single Countries and Groups of Countries Project Leader H H Koelle, sponsored by Federal Chancellor's Office, Bonn (Federal University for Economic Affairs, Bonn) Council of Europe, Strasbourg,
- 3) Feasibility Study for Organizing an 'Institute for Old Age Problems', project leaders H Klages, H H Koelle, sponsored by Senator for Labour Health and Social Affairs, Berlin (Federal Ministry for Inter-German Relations, Bonn),
- 4) Construction of a Simulation Model for the Study of Structural Changes in Urban Areas and Conception of a Community Management-System, project leaders H H Koelle, Rainer Mackensen, sponsored by Senator for Economic Affairs, Berlin

5) Methods for Developing Preferences Concerning R & D – Activities on Natural Level, project leaders Jurgen Bommers, H Klages, sponsored by Federal Ministry for Education and Science, Bonn,

6) Warning – System Regarding the Viability of Berlin (West) Project leader H H Koelle, sponsored by Federal Ministry for Inter-German Relations, Bonn,

7) Berlin in the Future An Information – System for Future Oriented Information Project leader Fritz Lienemann, sponsored by Federal Ministry for Inter-German Relations, Bonn,

8) Private Consumption and Environmental Pollution, Exemplified on Case Studies of Berlin (West) Project leader Fritz Linemann, sponsored by Federal Ministry of the Interior, Bonn,

9) System Analytical Study of the Feasibility of Different Concepts and Strategies for Evolutionary Development of the Short-Distance Traffic, with Special Regard to Agglomeration Areas Responsible Jugen Allesch, Peter Baz, Gunter Zietlow Sponsored by Association of German Automobile-Industry, Frankfurt

#### *Current Studies*

10) Study of the Possibilities and Limitations of the Use of Electronic Data Processing for Planning – Aids Within the Federal Administration This project is divided in three partial projects

a) Experimental, Integrative Information – and Planning-System as an Instrument for Decision-Help within the Federal Administration Project leader H Klages,

b) Development of Experimental Information-System for Energy-Policy, project leaders W Dreger, F Lienemann,

c) Design of Alternative Goal System for the Transport-Sector with Special Regard to the Use of Formalistic Goal-Systems for the Federal Planning of Transportation–Ways Project leader H H Koelle

#### *Conference and Seminar*

Seminar on "Science-Planning with Relevance to the Society" planned for 1973

Conference on "Professions of the Future and the Future of Professions"

## ORGANIZATIONS

aims, intentions, activities of groups

planned for 1973 or early 1974

### *Publications*

Analisen und Prognosen – Über Die Welt Von Morgen, bimonthly  
ZBZ Reports (ZBZ Berichte)

*Chairman of the Board of Directors* Prof Helmut Klages

*Deputy Chairman* Prof H H Koelle

*Deputy Chairman* Ing Sigrid Kressmann-Zschach

*Members* Dr Jurgen Bommer, Dr Heinz Busch, Ing Lothar Juckel,  
Prof Rainer Mackensen, Prof Claus Zoege von Manteuffel

*Staff-Director* Firtz Lienemann

(Further inf Zentrum Berlin fur Zukunftsforschung e V, 1, Berlin 31, Hohenzollerndamm 170)

## INDIVIDUALS 2

intentions, change of address

### **ARTHUR B BRONWELL**

Chicago, Illinois, USA

Professor of Educational Engineering

*Previously* Professor, Northwestern University, President, Worcester Polytechnic Institute, Deam of Engineering, University of Connecticut

*Present activities* research on social, political, cultural and technological evolution during the next quarter century, chairman of the Committee of Industry Relations Engineering College Research Council, writing, *Author of* Science and Technology in the World of the Future, John Wiley and Sons, 1970, Can an Advanced Society Deal with its Future? in The Futurist, June 1971, Engineering and Natural Policy Planning, presented as a Panel Member on "Philosophy of Electrical and Electronic Engineering" at the winter meeting of IEE, New York, March 16, 1972, Is Industry-University Research Collaboration Possible? in Engineering Education, vol 62, 8, May 1972, Creative Dynamics of Advanced Societies, to be published

(Further inf Arthur B Bronwell, University of Connecticut, Storrs Connecticut 06268, USA)

### **HEINZ BUSCH**

(Please add to information given on p 463)

Born 1922, Saarbrücken

Director of the department "New tasks and Long-Term Planning" of Masserschmitt-Bolkow-Blohm GmbH Ottobrunn near Munich Member of the Board of Directors of Zentrum Berlin fur Zukunftsforschung

*Author of* several papers on methods of prognosis, practical experiences with forecasting methods (Delphi Brainstorming, Regression Analysis, System Dynamics, Preference Analysis)

(Among others) Planung, Langfristige Zielvorstellungen und Zukunftsforschung

schung (Planning, Long-Term Goals, and Futures Research), in *Analysen und Prognosen 11/1970, Praktische Erfahrungen mit Der Delphi-Methode (Practical Experiences with the Delphi Method)*, in *Analysen und Prognosen 19/1972, Analysis of Science Fiction Literature with Regard to their Applicability as a Source of New Ideas*

**FRIEDRICH EDDING**

(Please add to information given on p 463)

Director of Max-Planck-Institut für Bildungsforschung (Max Planck-Institute for Educational Research), D-1 Berlin 31, Blissestrasse 2

**OSSIP K FLECHTHEIM**

(Please add to information given on p 463)

Member of the Board of Trustees of the Zentrum Berlin für Zukunftsforschung

Seminars and courses on futurology at the Freie Universität Berlin

**OTTO WALTER HASELOFF**

(Please add to information given on p 465)

Professor of Psychology at the Freie Universität Berlin, Director of the Sigma Institut für Marketing Research

Member of the Board of Trustees of the Zentrum Berlin für Zukunftsforschung

Several publications and papers, especially on psychology, communications

and information Science, expert in the field of future consumer's behaviour

**GERHARD KADE**

(Please add to information given on p 465)

Professor of Economics at the Universität Darmstadt, D-61 Darmstadt, Schloss Specialist on the problems of Environmental Pollution in Connection with the Economic System Several papers (among others) *Zur Rolle des Systemvergleichs in Der Umweltdiskussion (On the Role of the Comparison of System within the Environmental Discussion)*, in *Gewerkschaftliche Monatshefte*, vol 33, no 9/1972 (co-author Knut Krusewitz), *Kernenergie, Elektrizität und Umwelt (Atomic energy, Electricity, and Environment)*, in *Blätter für Deutsche und Internationale Politik*, vol 16, no 10/1971, *Planung der Zukunft Technokratie in Spatkapitalismus (Planning of the Future Technocratic Tendencies in the Late Capitalism)*, in *Futuologies, Basis-Dokumentation des Asta Freiburg, Freiburg 1970, Ökonomische und Gesellschaftspolitische Aspekte des Umweltschutzes (Economic and Socio-political Aspects of the Protection of the Environment)*, in *Gewerkschaftliche Monatshefte*, vol 22, no 5/1971

**HELMUT KLAGES**

(Please add to information given on p 465 of Social Forecasting 1972)

*Publications* *Planungspolitik Probleme und Perspektiven der Umfassenden Zukunftsgestaltung (Plannings Policy Problems and Perspectives of a Comprehensive Shaping of the Future)*, Stuttgart Kohlhammer 1971, p 167, *Wissenschaftstheorie und Zukunftsforschung (Science Theory and Futures Research)*, in *Futurum*, vol 3, no 1/1970 (co-author Hans Lenk), *Was Was Heisst 'Frieden'? Zum Verhältnis von Friedens- und Zukunftsforschung (What Means 'Peace'? On the Relation of Peace Re-*

search and Future Research), in *Futurum*, vol 3/1970, Politische Planung durch Experimentelle Planungssysteme (Political Planning by experimental Planning Systems), in *Analysen und Prognosen* 22/1972

### HEINZ HERMANN KOELLE

(Please add to information given on p 466)

Member of the Board of Directors of the Zentrum Berlin für Zukunftsforschung

*Author of* The Application of the Simultaneous in Aiding Decisions, in *Analysen und Prognosen* 13/1971, Zur Problematik der Zielfindung und Zielanalyse (On the Problematic of Goal-Finding and Goal-Analysis), in *Analysen und Prognosen* 16/1971, Ansätze für Ein Praktikables, Zielorientiertes Modell der Gegenwärtigen Gesellschaft (Building Blocks for a Practical, Goal-oriented Model of the Contemporary Society), in *Analysen und Prognosen* 22 and 23/1972

(Please cancel Wirtschaftliche, technische und Gesellschaftliche  
This paper is not by Mr Koelle)

### PATRIK QUINN

Ballina, Ireland, 1940

*Previously* clinical psychologist

*Present activities* Social research for industry, Government, community, Social indicators and social planning

*Cooperates to* Human Resources Centre, Professor staff member

*Research* "Family Needs as a Criterion of Social Planning", with the contribution of E D Stern, H Murray (Human Resources Centre), J M Hill, R A Jones, A Bain, Sheila N Scott (Centre for Applied

Social Research) to be published in 1973-74

(Further inf Patrick Quinn, Human Resources Centre, Tavistock Institute of Human Relations, Tavistock Centre, Belsize Lane, London, NW 3 England)

### FREDERIC VESTER

Saarbrücken, Germany 1925

Founder and Head of the Studiengruppe für Biologie und Umwelt Gmb  
*Previously* Fellow and Assistant professor at the Universities of Heidelberg, Yale, Saarbrücken, guest of the Max-Planck-Institute, München  
*Present activities* writing, broadcasting, Television films, adviser to the Government, the City of Munich

*Research* in teaching methods based on biological mechanisms in the brain (Two TV films, Seminars and Courses) Curricula-Research on informatics, on the conception of environmental Sciences including Planning and conception of a New type of ecological Institute, future medical treatment

*Author of* Tendenzen und Prognosen (Trends and Forecasting), in Weltgesundheits - report, with R Jungk and H J Mundt, Desch-Verlag, 1971, Haben wir unsere Zukunft noch in der Hand (Is Our Future still in Our Hands?), in Koppers-Nachrichten, 11/1971, Umweltbedingungen und die Folgen (Environmental Conditions and the Consequences), in Baumeister, Heft 10, October 1971, Gutachterliche Studie zur Konzeption eines Studiums der Informatik (Evaluated Study on a Concept of Informatics Study) on behalf of the federal ministry of Defense, November 1971, Gutachten zum Studium der Umweltwissenschaften (Evaluation for a Study of Environmental Science) on behalf of Federal Ministry of Defense, November 1971, Das Überleben Programm (Survival Programme) 1 Band der Informationsreihe der Sbu, Kinder Verlag, June 1972, Radio and TV Programm Welches Zukunft hat die Wissenschaft? (Which is the Future of Science?)



1) Netzwerk Der Forschung (Forecasting Networks), 2) Die Gefahren Einer Tradition (The Dangers of a Tradition), 3) Biologie und Die Erkenntnis Über Uns Selbst (Biology and Self-Knowledge), 1970-71, Tendenzen und Strukturen der Zukunfftigen Medizin (Trends and Structures of the Medicine of the Future) 1971, Naturwissenschaft und Öffentlichkeit und Die Rolle der Massen-Medien (Natural Science and Publicity and the Role of Massmedia), 1971, Den Zug Verpasst? Deutsche Forschung Zwischen Zwang und Freiheit? (Did we Lose the Train? German Forecasting between Duty and Freedom), 1971, Umweltschutz und Öffentlichkeitsarbeit (Environment Protection and Publicity Work), 1971, Die Crezen des Wachstums (The Limits fo Growth), 1971, Marginalien-Menscheit und Wachstum in der Umwelt-problematik (Notes Mankind and Growth in the Environment Problematics), 1972

*Conferences* Systemzusammenhange des Umwelt-Problematik (System Relations of the Environment Problematics), 1971, Leben Als Regelkreis – Umweltschutz Als Herausforderung Einer Neuen Zivilisationss-tufe (Life as Circle of Norms – Environment Protection as a Chal-lenge to a New Civilization Degree), Regional Academic Hans Reinebe-ry Bei Bielefeld, 11, 1, 1972, Netzwerkplanung und Rationelle For-schung in Team und Damit Verbundene Psycho-Soziologische Effekte (Planning Network and Rational Forecasting in Group and for Psycho-sociological Related Effects), Universität Regensburg, 18, 1, 1972, Bio-logische Prinzipien als Vorbied für Neue Denkansätze (Biological Prin-ciples for a Model of a new Thought), Literarischen Gesellschaft, Grafelfing, 26, 1, 1972, Technische Entwicklungen und Medizin Ten-denzen-Prognosen Probleme (Technological Development and Medicine Trends Forecasting Problems) Conference on the Future of Man in Medicine, 14/15 April 1972, Deutsche Keinik für Diagnostik, Die Umwelt als Ein Biologisch-Ökologisches Regelsystem Unter Besonderer Berücksichtigung Okonomischer Aspekte (The Environment as a Rule System Biological and Ecological Under Different Aspects and Eco-nomic Considerations), Institut für Internationale Wirtschaftsbeziehungen

der Universität München, 24, 4, 1972, Biologische und Kybernetische Grundlagen der Lernvorgänge und Konsequenzen für Eine Naturwissen-schaftlich Fundierte Didaktik, (Biological and Cybernetic Basis for Didactics Based on a Natural Economy), Universität Konstanz, 1972, Techniken der Offenen Forschungsplanung und Ihre Wirkung Auf Kreati- vität und Teamgeist (Technics of Open Future Planning and Its Effects on Creativity and Group Spirit) Zoologisches Institut der Universität Münster, 4 July 1972,

*(Further inf Frederic Vester, Studien Gruppe für Biologie und Umwelt, GmbH, 8 München 2, Nussbaumstr 14, Germany)*

**CONVEGNO INTERNAZIONALE PER LA PRODUZIONE DI DOCUMENTARI E TELEFILM SULL'IMPIEGO DEL TEMPO LIBERO** (*International Conference for the Production of Documentaries and Telefilms on the Use of Leisure*) was a meeting held in Milano from 26th to 27th of October, 1972, by Società Italiana degli Autori ed Editori - SIAE - (Italian Society for Authors and Editors), in cooperation with Mercato internazionale del film e del documentario - Mifed - (International Marketing of Film and Documentary)

*Discussion on* Concetto del tempo libero nell'attuale elaborazione scientifica (The Concept of Leisure in Scientific Thinking Today), Il problema educativo del tempo libero (The Educational Problem of Leisure), Proposta di una organizzazione internazionale permanente per la proiezione di documentari e telefilm per l'impiego del tempo libero (Proposal of a Permanent International Organization for the Projection of Documentaries and Telefilms on the Use of Leisure),

*Speakers* Commissario Generale of Mifed Cav Lav Dr Michelo Guido Franci (Italy), President of SIAE Dr Antonio Ciampi (Italy), Prof Max Kaplan, Director of the college of Social and Behavioral Sciences - Leisure Studies Program of University of South Florida, Tampa (USA), Rapporteur Prof Joffre Dumazedier of University of Paris, Maître de Recherches au Centre National de la Recherche Scientific de Paris (France), participation of Prof Ugo Spirito of University of Rome (Italy), Communications of France Govaerts (Belgium), Leo Perlis (USA), Jim Dornville (Canada), were present also members of UNESCO and of other org Conclusion by Roberto Rossellini (Italy), Relator Prof Luigi Volpicelli of University of Rome, Director of Institute of Pedagogy and President of the National Center of Film for the Youth, Communications by Alexandre Ciuca (Romania), M Oljewska (Poland), Alessandro Blasetti (Italy) Participation of Members of FIAPF (International Federation of Association of Films' Producers) and de l'Office Catholique International du Cinema (OCIC)

*(Further inf* Ufficio di Rappresentanza della SIAE di Milano *Foro Buonaparte, n 18, Milano)*

## EVENTS

*meetings, courses, lectures, exhibitions*

**CREATIVE CHANGE** is a four day workshop sponsored by the Association for Humanistic Psychology, the Goup Relations Training Association, and Ananda

*Papers on* the programme ranged through 'high', 'medium', and 'low' risk activities, *lecture on* the distribution of power in conventional modes of teaching Global Village, the new experience centre in the arches under Charging Cross Station

**THE DESIGN ACTIVITY** is an international Conference organized in London scheduled for October or November 1972 and sponsored by Design Research Society (UK) and Design Methods Group (USA)

The themes of the seminar are

1 Design Morphologies, the Nature of the Design Activity, the Sequence and Inter-Relation of Analysis, Synthesis, Evaluation in Decision-Making, etc

2) Design Process, Techniques and Algorithms, Performance Specification and Measurement, Hierarchical Structuring of Complex Problems, Scheduling Techniques, Generative Techniques (Spatial and other), Appraisal/Evaluation Techniques, Iterative Convergence, Simulation Techniques, Forecasting, Feedback and Flexibility, etc

3 Design Objectives, Objectives and Constraints, Value Judgments, The Politicians, the Designer and Society, Action Research, Participation and Education, etc

4 Case Studies, Systematic Design Methods Applied in the Real World

*(Further inf T W Maver, ABACUS, Department of Architecture & Building Science, University of Strathclyde, Glasgow G4 ONG, Great Britain)*

## EVENTS

*meetings, courses, lectures, exhibitions*

**ENVIRONMENT** is an International Conference to be organized in Vienna in March 1973 by Conseil d'Europe

*(Further inf Conseil d'Europe, 67 Strasbourg, FRANCE)*

**FIRST INTERNATIONAL CONGRESS** is the theme of a Conference to be organized in the Netherlands on May 4-10, 1973 by the International Society for Technological Assessment

*(Further inf. The International Society for Technology Assessment, Suite 5038, 1629 K Street NW, Washington, D C. 2006, USA)*

**LA MESURE DU DEVELOPPEMENT SOCIAL** (*The Measure of Social Development*) is a conference held by Dr Jacques Delors at IRADES, in Rome on 27th of November 1972, on Social Indicators

*(Further inf. IRADES — Istituto Ricerche Applicate Documentazione e Studi — via Giovanni Paisiello 6, 00198 Roma, ITALY)*

**DER MENSCH UND SEINE ZUKUNFT—MÖGLICHKEITEN UND GRENZEN DER FUTUROLOGIE** (*Man and His Future — Possibilities and Borders of Futurology*) is the theme presented by Dr O Ris during a meeting which will be held in Zurich by Paulus-Akademie in January 1973

*(Further inf Secretariat of Paulus-Akademie, Carl Spitteler-Strabe 38, 8053 Zürich, SWISS)*

## EVENTS

*meetings, courses, lectures, exhibitions*

**THE NEW SHAPE OF INTERNATIONAL RELATIONS** is the theme of a Seminar organized in Schloss Leopoldskron, Salzburg, Austria, from August 19th to September 8th, 1973 by the Salzburg Seminar

*Papers on*

Prospects for Western Europe, and Relations between Western Europe and the United States

The Politics of Detente, Relations with the Soviet Union and Eastern Europe

Trans-Atlantic Economic Relationships and Problems, Including Trade and Monetary Policies

Political and Economic Relations of the United States and Europe with China and Japan

*(Further inf* Salzburg Seminar in American Studies, *Box 129, A- 5010 Salzburg, AUSTRIA)*

**RELIGION AND THE CHURCH IN CONTEMPORARY SOCIETY** is the theme of a Seminar organized in Schloss Leopoldskron, Salzburg, Austria, from the 20th of May to the 9th of June, 1973 by the Salzburg Seminar

*Papers on*

The Church and social Involvement

American Covenants and Communities How Americans Live in the Light of Two Historic Covenants, While a Third Approach to National Life Seeks Acceptance

The Relation of Religion's Anthropological Function and its Concrete Institutional Manifestations

A New Religious Awakening An Examination of Reports of a Wave of Religious Enthusiasm in the United States

Separation of Church and State

*(Further inf* Salzburg Seminar in American Studies, *Box 129, A-5010 Salzburg AUSTRIA)*

## EVENTS

*meetings, courses, lectures, exhibitions*

**SOCIALISATION AND THE COMMUNITY OF TOMORROW THE HUMAN POTENTIAL A TEILHARDIAN VIEWPOINT** was a study directed by G F Austin Wise in London on 8th November 1972

First lecture Human Evolution and Cybernetics

*(Further inf* The Teilhard Centre's Library, *Cromwell Place, London SW 7 2JE, ENGLAND)*

**TECHNOLOGY, GROWTH AND ENVIRONMENT** is the theme of a Seminar organized in Schloss Leopoldskron, Salzburg, Austria from February 18th to March 10th, 1973 by the Salzburg Seminar

*Papers on*

The Material Basis of Civilization

Revision of the Prevailing Relations among the Economic Variables Production, Population, Resources

The Implications of Any Move Towards a "No Growth" Society, and Possibilities of Reconciling the Objectives of Developed and Less Developed Countries

The Interface Between Energy and the Environment

Expansion and Refinement of Our Understanding of Science and Technology and Their Interaction With Society

Michael Carpentier, Head of the Division of Environmental Problems, European Economic Communities, Guest Lecturer

*(Further inf* Salzburg Seminar in American Studies, *Box 129, A-5010 Salzburg, AUSTRIA)*

**URBAN PROBLEMS AND PLANNING** is the theme of a Seminar organized in Schloss Leopoldskron, Salzburg, Austria from January 7th

EVENTS

*meetings, courses, lectures, exhibitions*

to February 3rd, 1973 by the Salzburg Seminar  
*Papers on*

Comparative Strategies for Urban Growth  
Community Development Process by Which Existing Cities can be Rebuilt  
and New Towns Created Through Integration of Social Economic and  
Physical Planning

The Impact of Metropolitan Planning in the United States  
Social and Political Problems of the City with Emphasis on American  
Cities 'Efforts to cope with Demands for Better Housing and Educational  
Facilities and for 'Law and Order'

J K Bakema, architect and urbanologist, Rotterdam, Guest Lecturer

*(Further info Salzburg Seminar in American Studies, Box 129, A-5010 Salzburg  
AUSTRIA)*

**UTOPIAS AND SCIENCE FICTION** was a study directed by David Berry  
lecturer in Film and Television Studies, Mass Media and Communications,  
in London on 21st of November 1972

Convener Renee Marie Parry  
First lecture Utopias in History

*(Further info The Royal Commonwealth Society, London WC 2, 18 Nothumber-  
land, ENGLAND)*

**Synoptic table to be added to the synoptic table published in Autumn 1972  
on the Newsletter Social and Human Forecasting**

DATE	THEME	PLACE	ORGANIZERS
<b>1972</b>			
<b>October</b>			
19	<i>Urbanization in Africa and Problems of Health</i>	London (UK)	The Teilhard Centre for the Future of Man
30-10 Nov	<i>International Conference on Marine Pollution</i>	London (UK)	British Government with the participation of UNESCO and of the Trans governmental Oceanographic Commission
	<i>Second UN/ECE Confer- ence on Urban and Re- gional Research</i>	Dublin (Ireland)	UN/ECE Economic Commis- sion for Europe Committee on Housing, Building and Planning
<b>November</b>			
21-25	<i>Television University Edu- cation throughout the World Achievements and Prospects VIII International Meet- ing "The World of To- morrow"</i>	Perugia (Italy)	International Meetings "The World of Tomorrow"

DATE	THEME	PLACE	ORGANIZERS
23 26			
30 2 Dec	<i>The Artists in a Rapidly Changing Society</i>	Manila (Philippines)	Regione Autonoma della Valle d'Aosta, Assessorato della Sanita e Assistenza Sociale
December	<i>Primo convegno internazionale per l'informazione sociale</i> (First International Conference on Social Information)	Saint-Vincent (Italy)	
5-9	<i>The Influence Exerted by the Concept of Life-Long Education on the Reform of Teaching and Programs</i>	Hambourg (Germany)	UNESCO Institute for Education, supported by the German National UNESCO Commission
18-20	<i>Conference on Research into Tertiary Education</i>	London (UK)	Thames Polytechnic, in Association with the Society for Research into Higher Education, the Ass for Progr Learning and Educational Technology, the Association for Science Ed, the Chemical Society and the Inst of Physics

DATE	THEME	PLACE	ORGANIZERS
27-30	<i>Annual Meeting of AAAS—History, Philosophy and Sociology of Science</i>	Washington, D C (USA)	AAAS
1973 January			
31	<i>Who is Managing Your Business?</i>	London (UK)	The Society for Long Range Planning
March	<i>Environment</i>	Vienna (Austria)	European Council
May			
4 10	<i>First International Congress</i>	Netherlands	The International Society for Technological Assessment

DATE	THEME	PLACE	ORGANIZERS
Spring	<i>Role of Forecasting and Management Planning</i>	Berlin (Germany)	International Institute of Management
June	<i>Innovation</i>	Berlin (Germany)	International Institute of Management
Summer	<i>Prima conferenza nazionale sull'ambiente</i> (First National Environment Conference)	Urbino (Italy)	TECNECO
Summer	<i>Computer Simulation of Human Behaviour</i>	Berlin (Germany)	International Institute of Management
September			
25-30	<i>Human Needs, New Societies, Supportive Technologies</i>	Rome (Italy)	Continuing Committee World Future Research Conferences and IRADES

DATE	THEME	PLACE	ORGANIZERS
1973 or 1974	<i>Professions of the Future and the Future of Professions</i>	Berlin (Germany)	Zentrum Berlin fur Zukunftsforschung - FV - ZBZ
April	<i>The Application of Automation and Computer Techniques for Planning and Management of River Basins and the Hydrological Systems</i>	USA	UN/ECE/ Economic Commission for Europe Committee on Water Problems
	<i>III World Conference on Population</i>	New York (USA)	United Nations, Population Division

**COMMISSARIAT GENERAL DU PLAN (FRANCE)****Activities in Futures Research***Organizational Characteristics*

No permanent "in-house" task force. Three approaches are jointly used:

- 1 Temporary working parties sponsored by the Commissariat General du Plan (CGP), either on an ad hoc basis or in a more or less formalized relationship with a Planning Modernization Committee,
- 2 Participation of the CGP with futures research committees set up by another government agency,
- 3 Contracts with outside research institutes

*Classification of futures research activities*

## a) According to their output

- exploration of future context of long-term private/public long-term policies "contextual" futures research
- long-term policy alternatives formulation "decision-oriented" futures research.

In either case, futures research implies that background studies be available concerning description of current states, understanding of states - generating processes, and finally evaluation of past policies. Nevertheless such background materials and analysis are sometimes missing, so that the working party in charge of a futures research has to fill the in forward - looking reports with such extraneous elements as descriptive explanatory or evaluative statements that are not the outcome one could typically expect to find in this context.

## b) According to the object of study

- economic or social sectors (agriculture, transport, housing ) "vertical" or sectoral futures research;
- processes and behaviours (urbanization, population changes, leisure activities ) "horizontal" futures research,
- a combination of the foregoing "synthetic" or comprehensive futures research

N B - The first two classes are obviously overlapping as any sectoral futures research cannot ignore the environment of the problem it deals with, on the other hand, a horizontal futures research almost inevitably refers to public



policies, if only because it takes place in a decisionmaking situation (drafting of a 5-year Plan)

The latter distinction according to the object of study is above all useful for identifying neglected issues, for making division of labour between working parties and/or ministries easier, and for developing greater awareness of the interactions between areas where futures research studies actually take place

As for the former distinction a), it usefully draws the attention to the oftentimes neglected characteristics of futures research for planning purposes, i.e. that they are in principle not designed for the advancement of learning but for clarification of long-term strategies

*Existing studies*

IIIrd and IVth Plans "synthetic" (unpublished) futures research, mainly contextual

Vth Plan synthetic futures research with sectoral and horizontal sections, combining contextual and policy-oriented outlooks

VIth Plan (1)

a) *Sectoral Studies* Nine sectors were involved

– cultural affairs, – agriculture, – manufacturing industries, – housing, – post and telecommunications, – R & D, – Health, – Transport,

b) *Horizontal Studies*

– consumption and life styles, – population, – leisure, – manpower mobility, – elderly, – cities,

c) *Synthetic futures research*

*Tentative ideas for the VIIth Plan* (pending government final decisions)

– sectoral studies energy, manufacturing industries, transport

– horizontal studies preparation of background materials on contextual

(1) Most of the studies listed here below are published either in a series entitled "Plan et Perspectives" (Armand Colin, Paris, 8 volumes published to date) or in specialized periodicals. Some others have appeared in the series of "La Documentation française"

futures for the Planning Modernization Committees. Futures research is envisaged on working conditions and the family

(Further info: Bernard Cazes, Commissariat General du Plan d'Equipeement et de la productivité, 18 rue de Martignac, 75, Paris-France)

**ROY C AMARA and J R SALANCIK, FORECASTING FROM CONJECTURAL ART TOWARDS SCIENCE**, (published in Technological Forecasting and Social Change, vol 3, no 4, 1972)

*(Further inf The Institute for the Future, 2725 Sand Hill Road, Menlo Park, California 94025, USA)*

**ROY C AMARA, TOWARDS A FRAMEWORK FOR NATIONAL GOALS AND POLICY RESEARCH**, (published in Policy Science, vol 3 1972, p 11)

*(Further inf The Institute for the Future, 2725 Sand Hill Road, Menlo Park, California 94025 USA)*

**PAUL BARAN, THE FUTURE OF NEWSPRINT, 1970-2000**, December 1971, p 55 A special industry report

*(Further inf. Institute for the Future, 2725 Sand Hill Road, Menlo Park, California 94025, USA)*

**I F CLARKE, THE HISTORY OF THE FUTURE**

Eleven famous titles from the world of utopian and predictive fiction chosen for their interest as stories and their significance as evidence of man's reaction to progress, ed by I F Clarke

*(Further inf form Cornmarket Reprints, 42Conduit Street London W1R 0NL, England)*

**PUBLICATIONS**

*recent or in press*

**MAURICE GOLDSMITH, THE PREDICAMENT OF MAN,**  
1972, p 184, it contains the balanced judgements of eminent contributors from many parts of the world, ed by M Goldsmith

**ENRICH JANTSCH, TECHNOLOGICAL PLANNING AND SOCIAL FUTURES,** 1972, p 205

**JOHN MADDOX, THE DOOMSDAY SYNDROME, 1972**  
This a counter attacck to the more extreme claims of the ecological movements

**THE MULTINATIONAL CORPORATION VIS A VIS SOCIETIES IN TRASFORMATION** is a paper presented to the XIVth World Congress of Uniapac in Buenos Aires on November 2-4, 1972 The author, Andre van Dam is a Dutch Economist and Director of Planning for Latin American - CPC International, Inc  
The paper deals with the development of intermediate technology as a possible answer to the greater responsibilities of multinational corporations in the trasformation of society all over the world and especially in the Third World

**J N ROBINSON, PLANNING AND FORECASTING TECHNIQUES,**  
1972, p 160

**FUTURE FORUM**

*for the meeting of ideas and people*

*This space is intended as a forum for the exchange of ideas on the future Please write your contribution below, tear out, fold and post*

*Future Forum is intended for exchange of ideas on the future and to this purpose IRADES is willing to favoure also the direct meeting of people, to this aim IRADES offers in Rome a point of reference for people wanting, for their studies on the future, an address (for mail, a room for meeting others, information on Italy's futures studies ), within its possibilities*