

Concrete Applications of Unified Science Solutions

(All Meetings in the Louis XVI - Center)

Dr. François Perroux
(Dr. Camilo Dagum)

The Impact of Unified Science on Economics

(Dr. Perroux was not able to attend and is represented by Dr. Dagum. Dr. Perroux's paper is available.)

9:00

Dr. Ervin Laszlo

Chairman's Statement—Hierarchical Interface Coordination: A Conceptual Guideline for Concrete Application

The general systems concept of hierarchical interface coordination provides a conceptual guideline for the understanding of the behavior of systems within systems; hence also, for human behavior within social systems.

9:35

Mr. Edward Haskell

Management by Objectives:

C.U.R.E.'s Vertical Front in Education and Research

Dr. Anderson has shown Unified Science to be far more effective as a teaching device than the traditional sciences. The pilot plant of the New University, such as the one discussed in **Full Circle** will thus establish a vertical front. Its superior performance will partly force and partly charm and persuade traditional institutions to respond to its challenge; it will then respond back to them, and so on back and forth across the vertical front.

10:15

Dr. Carl H. Madden

Natural Partners:

Industrial Management and Unified Science

Dr. Kurti has shown that scientific specialists are now discriminated against by the Civil Service in England. Dr. Sonneman has diagnosed the reason for this to be the moral defect inherent in the structure of specialized science. The problem is constantly felt in industry. Unified Science's system structure and wide scope should enable industry to optimize the side effects of whatever action it takes. In return for this benefit, industry should be prepared to assist Unified Science by building its New University pilot plant, and establishing its vertical front in research and education.

11:00 to 12:00

Panel Discussion

12:30

Lunch

2:15

Mr. Sun Myung Moon

Dr. Dagum, Mr. Haskell and Dr. Madden will join with Dr. Laszlo to form a panel which will respond to questions from the floor on the morning's presentations.

(On your own)

The Role of Unified Science in Moral Orientation of the World

The role of Unified Science is to orient research and education morally in the sense and by the method described by several of the conference speakers. Its role is to orient scientists and managers both morally and intellectually in the positive direction which Christ has advocated for centuries and which is now being advanced in new and strong ways exemplified, for example, by this international conference. In preparation for further development, C.U.R.E. will today extend its vertical front into six countries on three continents.

3:00

Organizational Session

5:30

Farewell Dinner

Mr. Christopher Killingbeck

Mr. Henri Bianchi

Dr. Ulrich Sonneman

Dr. Kenji Nomura

Dr. O. Roger Anderson

Dr. Harold G. Cassidy

9:30

Basildon Room

Establishment of C.U.R.E., Britain
Establishment of C.U.R.E., France
Establishment of C.U.R.E., Germany
Establishment of C.U.R.E., Japan
Establishment of C.U.R.E., Korea
Establishment of C.U.R.E., U.S.A.
Establishment of INTER-C.U.R.E.
Conference adjourns

C.U.R.E.



Moral Orientation of the Sciences

November 23-26, 1972 Waldorf-Astoria Hotel
New York, New York

Thursday, November 23

Registration 5:00 P.M. Jansen Foyer
Welcoming Dinner 7:00 P.M. Jansen Salon

COUNCIL FOR UNIFIED RESEARCH AND EDUCATION
617 West 113th Street, New York, N.Y. 10025

Tools for Solution of Scientific Problems: Meta-theory

(All Meetings in the West Foyer)

8:00

Late Registration

9:00

Mr. Edward Haskell

9:10

Dr. Nicholas Kurti

9:35

Dr. Harold G. Cassidy

West Foyer Entrance

Outline of the Conference and Its Objectives

Chairman's Statement—The Objectives of the Royal Society as Formulated in 1663 and Their Relevance to Unified Science

Essential Ideas in Unified Science

How the Periodic coordinate system's structure expresses the principles of systems-theory. How, therefore, Unified Science expresses the principles of Piaget's Structuralism, of Bachelard's Philosophy of No, and of the ancient dialectic, which is expressed in Periodicity and heirarchic ordering. How Unified Science's enhancement of meaning results in peak experiences.

10:15

Dr. Rolfe A. Leary

Quantification of Scientific Values:

Estimation of Coaction from Experimental Data

Dr. Leary will discuss application of Unified Science principles to ecosystem control and prediction.

11:00 to 12:00

Panel Discussion

Drs. Cassidy and Leary will join with Dr. Kurti to form a panel which will respond to questions from the floor on the morning's presentations.

12:30

Official Luncheon

2:00

Dr. Gordon Hyde

Jansen Salon

The Brain-Mind System—Choice and Possibility as a Consequence of Physical Complementarity and the Uncertainty Principle.

The brain-mind system has been, for man, the world's most celebrated mystery. The idealist explains it as ethereal spirit, the materialist, as gross matter. Dr. Hyde ascribes it to the most ethereal properties known to modern physics: complementarity and indeterminacy.

2:40

Dr. O. Roger Anderson

Educational Advantages of Unified Science

A computer program has been developed for the quantitative assessment of the efficacy of science teaching materials in regard to both learning and application. Computer analysis rates Unified Science higher than any teaching material thus far analyzed.

3:30 to 4:30

Panel Discussion

Drs. Hyde and Anderson will join with Dr. Kurti to form a panel to respond to questions from the floor on the afternoon's presentations.

5:00

Dinner

7:30

Dr. Se Won Yoon
and
Dr. Yujiro Hayashi

Rapporteur's Commentaries

Following dinner, Drs. Yoon and Hayashi will present their views on the day's proceedings and lead a discussion on the issues raised.

9:30

Close

Application of Unisci Tools: Solutions of Key Problems

(All Meetings in the West Foyer)

9:00

Dr. Willard V. Quine

9:35

Dr. Ulrich Sonneman

10:15

Dr. Herman O. Wold

11:00 to 12:00

Panel Discussion

12:30

Official Luncheon

2:00

Dr. George T. Lodge

2:40

Dr. Conrad M. Arensberg

3:30 to 4:30

Panel Discussion

5:00

Dinner

7:30

Mr. John G. Walker
and
Mr. Maurice Goldsmith

9:30

Chairman's Statement—Levels of Abstraction

A brief consideration of various senses of abstraction, and of the learning processes presupposed by them.

The Specialist as a Moral Problem, and its Solution

The traditional specialist studies mere parts of systems, so knows neither the causes nor the consequences of his subject. His work tends to produce unexpected and usually harmful side effects for which he disclaims responsibility. This is clearly a moral problem. Dr. Sonneman will demonstrate the efficacy of Unified Science in resolving this issue.

The University in Transition—Currents and Whirlpools

The university has shown great passivity in researching the organizational problems of teaching and research. This is not accidental, but inheres in the arbitrary (non systems-theoretic) education received by the university's past student generations who are now its administrators. The result has been arbitrariness and unreliability in planning, wide-spread admission of students who would have done better in other kinds of schools, and finally, wide-spread student discouragement and failure. —Unified Science offers clear methods for improving, if not correcting, this very unsatisfactory situation.

Drs. Sonneman and Wold will join with Dr. Quine to form a panel to respond to questions from the floor on the morning's presentations.

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Assembly of the Personality's Components:

The Hierarchy of Selves and Their Coactions

The personality forms a hierarchy of systems, reaching from chemophysical to ontological. The periodic coordinate system provides a complete framework within which all types of people, and all kinds and degrees of coactions among their components, can be systematically structured.

Classification of the Components of Psycho-Social Wholes: Cultures, Societies, Personalities.

Dr. Lodge has discussed geometric classifications of personalities. The same method can be used for societies, to map their value-profile into the periodic coordinate system. We can locate a culture's position in the periodic table of human cultures in the same way.

Drs. Lodge and Arensberg will join with Dr. Quine to form a panel to respond to questions from the floor on the afternoon's presentations.

(On your own)

Rapporteur's Commentaries

Following dinner, Mr. Walker and Mr. Goldsmith will present their views on the day's proceedings and lead a discussion on the issues raised.

Close