PROGRAM



ICUS

THE CENTRALITY OF SCIENCE AND ABSOLUTE VALUES

The Fourth International Conference on the Unity of the Sciences

Sponsored by
The International Cultural Foundation

November 27-30, 1975 Waldorf-Astoria Hotel New York, New York

PURPOSE

THE PURPOSE OF THE 4th
INTERNATIONAL CONFERENCE ON
THE UNITY OF THE SCIENCES IS TO
PROVIDE AN OPPORTUNITY FOR
SOME OF THE WORLD'S MOST
EMINENT SCHOLARS AND SCIENTISTS
TO REFLECT ON THE NATURE OF
SCIENTIFIC KNOWLEDGE AND TO
DISCUSS THE RELATION OF SCIENCE
TO A STANDARD OF VALUE

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Robert S. Mulliken

Topics and

THE CENTRALITY OF SCIEN

Honorary Chairman: Robert S.

Section I

Committee 2:

Unity of Science

Chairman: Dr. Eugene P. Wigner, Princeton University

Assistant Chairman: Dr. O. Roger Anderson

Columbia Teachers College Lamont-Doherty Observatory

Committee 1: What are the Legitimate

Boundaries of Science?

What is the Possibility of

Convergence, Divergence, or Synthesis of Methodology between the Social Sciences and the Natural Sciences?

Committee 3: What are the Characteristics

of Universal Principles?

Chairman: Dr. Kenneth Mellanby,

Inst. of Terrestrial Ecology, UK

Chairman: Dr. Russell L. Ackoff,

University of Pennsylvania

Chairman: Dr. Ernan McMullin.

University of Notre Dame

Section II

The Standard of Value in Society

Chairman: Dr. Marvin B. Sussman,

Case Western Reserve University

Committee 1: Wh

What is the Structure and

Role of the Family in Society

Committee 2:

Is Religion Functional as

a Source of a Standard of Value Today?

Committee 3:

Are Morals the Responsibility of the

Individual or the Social System?

Chairman: Dr. Marvin B. Sussman.

Case Western Reserve University

Chairman: Dr. Frederick Sontag,

Pomona College, Claremont, Calif.

Chairman: Steering Committee

Chairmen

E AND ABSOLUTE VALUES

ulliken, University of Chicago

Section III

The University, Research Institutions, and Human Society

Chairman: Dr. Alvin M. Weinberg,

Director, Institute for Energy Analysis

Committee 1:

The Problems of the University—

Who Governs and for What Purpose?

Committee 2:

What is the Impact of Funding

Sources on Scientific Research?

Committee 3: What are the Ethical Considerations

in the Application of Technology

in Society?

Chairman: Dr. Nicholas Kurti

University of Oxford, UK

Chairman: Dr. Jules Gueron,

Universite De Paris

Chairman: Dr. Henry David,

University of Texas, Austin

Section IV

The Future World Order

Chairman: Dr. Morton A. Kaplan,

University of Chicago

Committee 1:

What is the Nature of

Ideological and Cultural Interactions?

Committee 2:

How Can We Resolve

Global Economic Inequalities?

Committee 3:

What is the Structure of a

Happy World and the Possible

Means to Realize it

Considering Religion, Science, Politics, Economics, and Education?

Chairman: Dr. Magoroh Maruyama,

Portland State University

Chairman: Dr. Morton A. Kaplan,

University of Chicago

Chairman: Dr. Ervin Laszlo,

S.U.N.Y., Geneseo

International Advisors

Sir Derek Barton*
Peter B. Checkland
Constantinos A. Doxiadis**
Sir John C. Eccles*
Ulf Svante von Euler*
Viktor Frankl
Piet Hein

Werner Heisenberg* Gerhard Herzberg* R.V. Jones Alexander King

Arthur Koestler Nicholas Kurti H. Marshall McLuhan Kenneth Mellanby Louis Neel* Jean Piaget Pierre Piganiol

Sir Karl Popper Ilya Prigogine Marjorie Reeves Nobusige Sawada Emilio Segre* Lord C.P. Snow Herman Wold

Imperial College University of Lancaster **Doxiadis Associates** S.U.N.Y., Buffalo Karolinska Institutet University of Vienna Piet Hein International Information Center Max-Planck Institute National Research Council Aberdeen University Chairman, International Federation of Institutes for Advanced Study Author University of Oxford University of Toronto Institute of Terrestrial Ecology Universite De Grenoble Universite De Geneve Pres.. Commission Methods Du Plan-Constriction Royal Institute of Philosophy Universite Libre De Bruxelles University of Oxford Keio University University of California, Berkeley Author University of Goteborg

United Kingdom United Kingdom Greece Switzerland Sweden Austria Denmark

Germany Canada United Kingdom France

United Kingdom
United Kingdom
Canada
United Kingdom
France
Switzerland
France

United Kingdom Belgium United Kingdom Japan USA/Italy United Kingdom Sweden

^{*}Nobel Laureate

^{**}Deceased

American Advisors

Julius Axelrod*
George W. Beadle*
Warren G. Bennis
Walter H. Brattain*
Leon N. Cooper*
Christian de Duve*
Herman Kahn
Morton A. Kaplan
Clark Kerr

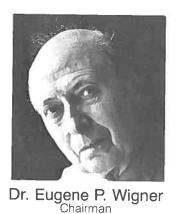
Harold D. Lasswell
Hans Morgenthau
F.S.C. Northrop
Glenn A. Olds
Jonas Salk
Paul A. Schilpp
Glenn T. Seaborg*
Frederick Seitz
Chesterfield Smith
Albert Szent-Gyorgyi*
Harold C. Urey*
Paul A. Weiss

National Institute of Mental Health University of Chicago President, University of Cincinnati Whitman College **Brown University** Rockefeller University Director, Hudson Institute University of Chicago Chairman, Carnegie Council on Policy Studies in Higher Education Yale University Emeritus, City University of New York Emeritus, Yale University President, Kent State University The Salk Institute Southern Illinois University University of California, Berkeley President, Rockefeller University Holland & Knight Institute for Muscle Research University of California, Berkeley Rockefeller University

Agenda

27 November	7:30 PM	Reception	Starlight Roof
28 November Friday	9:00 AM	Opening Meeting Rev. Sun Myung Moon, Founder's Welcoming Address Dr. Robert S. Mulliken Honorary Chairman's Address Dr. Kenneth Mellanby, Former Co-chairman's Greetings Dr. R.V. Jones, Former Co-chairman's Greetings	Grand Ballroom
	10:15 AM	Break	
	10:45 AM	Opening Plenary Session The four section chairmen present papers outlining topics to be explored by committees in their respective sections. Moderator: Dr. R.V. Jones	Grand Ballroom
	12:30 PM	Lunch	
	2:30 PM 4:00 PM	Meeting of the Sections Four sections meet individually to hear and discuss papers presented by participants. Break	Section Rooms
	4:30 PM	Committee Meetings	Committee Rooms
	6:30 PM	Break	Committee Hooms
	7:00 PM	Dinner, free time	

29 November Saturday	9:00 AM	Committee Meetings Twelve committees continue to meet individually	Saturday
	12:30 PM	Lunch	
	3:00 PM	Committee Meetings Twelve committees again meet individually	
	6:00 PM	Break	
	7:00 PM	Dinner and Cultural Event Host: Neil Albert Salonen, President, International Cultural Foundation	Grand Ballroom
		Entertainment: New York City Sympho Keynote Address: Sir John Eccles	ny
		Featuring: Miss Lana Cantrell	
30 November Sunday	10:00 AM	Meeting of the Sections Four sections meet individually to hear reports from committee chairmen on discussion in each of the committees.	Sunday
	1:00 PM	Lunch	
	2:30 PM	Closing Plenary Session The four section chairmen report to all assembled participants on the discussions in the sections. Dr. Paul A. Weiss moderates and sums up meeting in concluding address.	
	5:30 PM	Break	
	7:00 PM	Farewell Dinner Hosted by Rev. and Mrs. Sun Myung I New Hope Singers International	Starlight Roof Moon
		Korean Folk Ballet	



SECTION I UNITY OF SCIENCE

Jade Room-3rd floor

SCHEDULE—Committee 1

Jade Room-3rd floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"The Limits of Science" Commentary by

"Bridging Science and Values: A Unifying View of Mind and Brain" Commentary by

"Science and the Search for Values: Motives and Dangers" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"Science and the Sources of Value: A Transpersonal-Behavioristic Point of View" Commentary by

"Psychophysiology, Psi, and Alterations in Consciousness" Commentary by

"The Centrality of Science and Absolute Values" Commentary by

"World Models: Mathematical, Neural, Political, Religious, or Simular?" Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"United, Equal, and Universal?" Commentary by

"What Happens When the Limits of Science Transcend the Limits of Common Sense?" Commentary by

"Comments on 'The Problem of the Unity of Science' " Commentary by

Paper Writer

Peter E. Hodgson Chin-Chi Chao Roger Sperry

Yoshia & Yasuko Shinagawa

Gerard Radnitzky

Eileen Barker

Charles T. Tart

Charles J. Brainerd Stanley Krippner

Choon-Sup Kim Ravi Prakash

Anne Briscoe G. Arthur Mihram

Alexander Zucker

T.R. Gerholm O. Roger Anderson Morton A. Tavel

Herbert Philipps Ilya Prigogine

Herbert Philipps

What are the Legitimate Boundaries of Science?



Dr. Kenneth Mellanby Chairman

PARTICIPANTS

NAME

Eileen Barker Charles J. Brainerd Anne M. Briscoe

Chin-Chi Chao Leon N. Cooper Tor Ragnar Gerholm Stuart B. Hill* Peter E. Hodgson Craig Johnson Choon-Sup Kim Walter Kohn Stanley Krippner

J. Mehra
G. Arthur Mihram
Herbert Philipps
Ravi Prakash
Ilya Prigogine
George Radnitzky
Toshio Sanuki
Yasuko Shinagawa
Yoshiya Shinagawa
Roger Sperry
Charles T. Tart
Morton A. Tavel
Alexander Zucker

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London School of Economics University of Alberta President, Association for Women in Science National Taiwan Normal University Brown University University of Stockholm McGill University University of Oxford Southern Illinois University Seoul National University University of California at San Diego Humanistic Psychology Institute, San Francisco, California University of Geneva Haverford, Pennsylvania Medical Doctor, Chicago, Illinois Vice-Chancellor, Bhopal University Free University of Brussels University of Bochum Waseda University **Kyoto University Kyoto University** California Institute of Technology University of California at Davis Vassar College Associate Director, Oak Ridge National Laboratory

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Japan
Japan
Japan
U.S.A.
U.S.A.
U.S.A.
U.S.A.

^{*}Rapporteur

SECTION I UNITY OF SCIENCE

SCHEDULE—Committee 2

Gold Room 18th floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"Conditions for the Unification" Commentary by

"Three Ways of Knowing and the Scientific World View" Commentary by

"Studying the Lunar-Rock Scientists" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"On the Unification of the Social Sciences" Commentary by

"Science As A Weltanschauung and As A Prism" Commentary by

"On the Mutual Historical Dependence of Natural and Historical Sciences" Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"Interdisciplinarity and the Unity of Knowledge With Examples From Linguistics" Commentary by

"Science and the Systems Paradigm"
Commentary by

"Information Science For Unity of Artificials" Commentary by Paper Writer

Alair O. Gomes Mogens Blegvad Joseph R. Royce

Wei-Kung Wang Ian I. Mitroff Erwin K. Schopper

C. West Churchman Thomas A. Cowan Francis C. Madigan

Gabriel Gyarmati Kurt Huebner

Milton Marney

Wilhelm Fuchs

Sir Geoffrey Vickers P.B. Checkland Francisco R. Sagasti

Shuhei Aida

Floyd W. Matson

What is the Possibility of Convergence, Divergence, or Synthesis of Methodology Between the Social Sciences And the Natural Sciences?



Dr. Russell L. Ackoff

PARTICIPANTS

NAME

Shuhei Aida Francisco J. Avala Mogens Blegvad Sue Bobrow P.B. Checkland C. West Churchman Thomas A. Cowan Morton Deutsch Wilhelm Fuchs Alair O. Gomes Gabriel Gyarmati Kurt Huebner Francis C. Madigan Milton Marney Floyd W. Matson Ian I. Mitroff Jiri Nehnevajsa John H. Proctor Joseph R. Royce Vladimir Sachs* Francisco R. Sagasti

Erwin K. Schopper Sir Geoffrey Vickers

Wei-Kung Wang

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West Germany United Kingdom

Taiwan

^{*}Rapporteur

SECTION I UNITY OF SCIENCE

SCHEDULE—Committee 3

John Jacob Astor Salon—3rd floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"Connections between Quantum Theory, Thermodynamics, Cosmology and Subjective Perception" Commentary by

"Are Universal Legal and Moral Principles Possible?" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"The Hamlet Principle in Physical Science: Copernican Assumptions Restricting Scientific Exploration" Commentary by

"Is There A Non-Trivial Universal Physics?" Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"Explicit and Implicit Semantic Content of the Genetic Information" Commentary by

"Neurological Correlations of Some Universal Principles" Commentary by

Paper Writer

H. Dieter Zeh

Willis E. Lamb Joseph C. Smith

Kristin Shrader-Frechette

Yuval Ne'eman

Erich Jantsch Irving E. Segal George Marx

Gunther Stent

Karel Kuypers

Juan Antonio Gomes

José Simões da Fonseca

What are the Characteristics of Universal Principles?



Dr. Ernan McMullin Chairman

PARTICIPANTS

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Gunther Stent
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U.S.A.
U.S.A.
U.S.A.
Canada
U.S.A.
U.S.A.
West Germany

^{*}Rapporteur



Dr. Marvin B. Sussman

SECTION II THE STANDARD OF VALUE IN SOCIETY

West Foyer—3rd floor

SCHEDULE—Committee 1

The Barron Suite, South-4th floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"The Family in the Light of a General Model of Behaviour" Commentary by

"Evolutionary Roots of Family Ethics and Group Ethics" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"The Socialization Praxis: Content Versus Process" Commentary by

"Sex Differentiation and Welfare Policy" Commentary by

Untitled Paper Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"Integration of Knowledge: Research, Action and Values" Commentaries by

"Legal Regulation of Personal and Family Lifestyles" Commentary by "Families as Corporations: A Proposal" Commentary by

Paper Writer

Edward Goldsmith

Yeshayahu Leibowitz Theodosius Dobzhansky

Thomas Boslooper

Colette Carisse

Jerzy Piotrowski G.A. Kooy Betty E. Cogswell Ingrid B. Rogner Teresa Marciano

Pierre de Bie

Jan Trost and Teresa Marciano James Ramey E. Terry Prothro Sol Tax Erik Grønseth

What is the Structure and Role of the Family in Society?

Dr. Marvin B. Sussman Chairman

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Theodosius Dobzhansky
Edward Goldsmith
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Erik Grønseth
Idris Hamid

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University of California at Davis
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University of Minnesota
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Gakushuin University
The Hebrew University of Jerusalem
Farleigh Dickinson University
Boston University
Institute of Sociology & Philosophy,
Polish Academy of Sciences
American University of Beirut
Director, Center for the Study
of Innovative Life Styles

President, Shih Chien Home Economics College University of Indonesia University of Chicago Uppsala University

COUNTRY

U.S.A. Yugoslavia

Canada U.S.A. Belaium U.S.A. United Kingdom U.S.A. Norway Trinidad, West Indies U.S.A. Indonesia Netherlands Japan Israel U.S.A. U.S.A. Poland

Lebanon/U.S.A. U.S.A.

Sweden Taiwan

Indonesia U.S.A. Sweden

SECTION II THE STANDARD OF VALUE IN SOCIETY

SCHEDULE—Committee 2

The Barron Suite, Center-4th floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title
"Religion, Science and Moral Principles"
Commentary by

"The Parapsychology of Religion:
A New Branch of Inquiry"
Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"The Role of Religion in Society's Quest for a Standard of Values" Commentary by

"Contemporary Religious Crisis and Absolute Value" Commentary by

"Art, Mysticism, and the Detribalization of Mankind" Commentary by

"Is Religion Functional as a Source of a Standard of Value Today?"

Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"The Rational and the Irrational OR What is Living and What is Dead in the Philosophy of Benedetto Croce"

"Turbulence, Values, and Ideals" Commentary by

"The Absolute Value in Society and Restoration to the Way of Heaven"

Paper Writer

Frank Goble R.W. Jackson J.B. Rhine

Ninian Smart

Major J. Jones

Slamet Santoso Sebastian A. Matzcak

Frederick P. Ferré Ben-Ami Scharfstein

Edouard Boné William G. Pollard

Gerhart Niemeyer

Richard T. Webster

Fred E. Emery David A. Martin Ki-Kun Chang

Is Religion Functional as a Source of a Standard of Value Today?



Dr. Frederick Sontag Chairman

PARTICIPANTS

NAME	AFFILIATION	COUNTRY
William Arrowsmith Jose C. Blanco, S.J.	Boston University Director, La Ignaciana Apostolic Center	U.S.A. Philippines
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Richard T. Webster	Counsellor, European Community of Journalists	Italy
C. David Ensign	Academic Dean, Payne Theological Seminary	U.S.A.
Richard Keady	San Jose State University	U.S.A.

^{*}Rapporteur

SECTION II THE STANDARD OF VALUE IN SOCIETY

SCHEDULE—Committee 3

The Barron Suite, North 4th floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"Purpose and Mechanism in Biology"
Commentary by

"Remarks on the Bio-Cultural Origin of Morals" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"Knowledge and Value Systems in Pakistan"

Commentary by

"Society, the Individual, and Morality" Commentary by

"The Objectivity and Subjectivity of Values: A False Dichotomy" Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"Moral Value, Science and Society" Commentary by

"The Hidden Human Image and the Community of Otherness" Commentary by

Paper Writer

William H. Thorpe J.V. Klavins

Arne F. Petersen

Kurt Baier

Mohammad Ajmal

Frederick S. Carney Kwame Gyekye Salustiano del Campo Paul A. Schilpp

Ungku A. Aziz

Peter J. Caws Archie J. Bahm Maurice S. Friedman

Phillip L. Zediker

Are Morals the Reponsibility of the Individual or the Social System?

Steering Committee

PARTICIPANTS

NAME	AFFILIATION	COUNTRY
Mohammad Ajmal	Federal Education Secretary, Government of Pakistan	Pakistan
Archie J. Bahm	University of New Mexico, Emeritus	U.S.A.
Ungku Abdul Aziz	Vice Chancellor, University of Malaya	Malaysia
Kurt Erich Baier	University of Pittsburgh	U.S.Á.
Frederick S. Carney	Perkins School of Theology,	U.S.A.
-	Southern Methodist University	
Peter J. Caws	City University of New York	U.S.A.
Salustiano del Campo	University of Madrid	Spain
Mose Durst	Laney College	U.S.A.
Maurice S. Friedman	San Diego State University	U.S.A.
Kwame Gyekye	University of Ghana	Ghana
Fuad Hassan	University of Indonesia	Indonesia
Dwight Joyce Ingle	University of Chicago	U.S.A.
Hardin B. Jones	University of California at Berkeley	U.S.A.
J.V. Klavins	S.U.N.Y., Stony Brook	U.S.A.
Lawrence Kohlberg	Harvard University	U.S.A.
Arne F. Petersen	University of Copenhagen	Denmark
Kyu-Ho Rhee	Seoul Yonsei University	Korea
Earldean V.S. Robbins	National Labor Relations Board	U.S.A.
Paul A. Schilpp	Southern Illinois University	U.S.A.
Chesterfield H. Smith	Holland & Knight, Attorneys at Law	U.S.A.
William H. Thorpe	University of Cambridge	United Kingdom
Phillip L. Zediker	Hill-Zediker-Frazier & Associates	U.S.A.



Dr. Alvin Weinberg Chairman

SECTION III THE UNIVERSITY, RESEARCH INSTITUTIONS AND HUMAN SOCIETY

John Jacob Astor Salon-3rd floor

SCHEDULE—Committee 1

Louis XVI Suite, West-4th floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"The University and Research Institutes in Developing Countries" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"Are Universities Relevant to Modern Society?" Commentary by

"Peaceful Uses of the Organized Intellect: A United Nations Plan" Commentary by

"The Interdisciplinary University and Limits to Growth" Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"From Elite-to Mass-Oriented Education-Quo Vadis?" Commentary by Paper Writer

Félix Cernuschi

Richard F. Ericson

Arturo Morales-Carrion

Guido Pincheira Harold Taylor

Althea Simmons Max L. Williams

Kwesi A. Dickson

Herman Wold

Werner Meissner

The Problem of the University—Who Governs and for What Purpose?



Dr. Nicholas Kurti Chairman

PARTICIPANTS

NAME	AFFILIATION	COUNTRY
Howard Adler Benjamin Alexander Emmanuel Ayandele Felix Cernuschi Prachoom Chomchai	Oak Ridge National Laboratory President, Chicago State University University of Ibadan University of Montevideo Director, Economic & Social Studies Division, ESCAP	U.S.A. U.S.A. Nigeria Uruguay Thailand
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Kwesi A. Dickson	University of Ghana	Ghana
Richard F. Ericson	George Washington University, Washington, D.C.	U.S.A.
Charles Frankel	Columbia University	U.S.A.
Nobuyuki Fukuda	Vice-President, Tsukuba University	Japan
Robert W. Fuller	Consultant, Battelle Memorial Institute	U.S.A.
William T. Golden	Board Director, AAAS	U.S.A.
George Juskalian	Southeastern University, Washington, D.C.	
Eun-Woo Kim	Kyung Hyang Newspaper Company	Korea
Han-Shil Koh	Southeastern University, Washington, D.C.	
Hang-Nyong Lee	President, Hong-Ik University, Seoul	Korea
Werner Meissner	University of Frankfurt	West Germany
Anton Moljk	University of Ljubljana	Yugoslavia
Arturo Morales-Carrion Guido Pincheira	President, University of Puerto Rico	Puerto Rico
	University of Chile	Chile
Abdul-Karim Rafeq David N. Rowe	University of Damascus	Syria
Althea Simmons	Yale University	U.S.A.
Harold Taylor	National Education Director, NAACP	U.S.A. U.S.A.
I.H. Usmani	U.S. Committee for the U.N. University Senior Energy Advisor, United Nations	
	Environment Programme	Pakistan
Max L. Williams	University of Pittsburgh	U.S.A.
Herman Wold	University of Goteborg	Sweden

SECTION III

THE UNIVERSITY, RESEARCH INSTITUTIONS AND HUMAN SOCIETY

SCHEDULE—Committee 2

Louis XVI Suite, Center 4th floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"Motivation for Public Support of Scientific Research: Analysis of A Debate" Commentary by

"The Development of 'Two Cultures' in Education" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"Sketching the Development of Mankind and Our Outlook for the Future" Commentary by

"The Tragedy of Cost Consciousness in Human Research Therapy or the Impossible Dream' Commentary by

"Medical Research in Developing Countries" Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"Impact of Funding Sources on Scientific Research" Commentary by

"Money, Power, Humility and Devotion in Creative Science" Commentary by

"True (Not Berserk) Humanitarianism: A Positive Absolute Value That Unites Religion and Science"

Paper Writer

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Rue Bucher Rachel Dror

E.G. Malherbe

Dennis Gabor (George Stroke) Olavi J. Grano William Krivit

Rubem Alves A.O. Lucas Jacobo Finkelman

Florencio A. Medina

George E. Assousa Shigeru Oae

Bae-Ham Lee William Shockley

What is the Impact of Funding Sources on Scientific Research?



Dr. Jules Gueron Chairman

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SECTION III THE UNIVERSITY, RESEARCH INSTITUTIONS, AND HUMAN SOCIETY

SCHEDULE—Committee 3

Louis XVI Suite, East-4th floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"Ethical Considerations in the Applications of Biology" Commentary by

"Science Between Danger and Boredom"
Commentary by

"Science, Technology and Humanism" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"Ethics and the Assimilation of Science" Commentary by

"The Two Possible Futures For Mankind" Commentary by

"Values, Cosmology and the Future"

Saturday, November 29 3:00 pm to 6:00 pm

"The Scientists Role in Disarmament"
Commentary by

"Ethical Regulation of Technology" Commentary by

Paper Writer

H. Bentley Glass

Everett I. Mendelsohn Ernst von Weizsaecker Helmer H. Dahl Miguel B. Covian

Miguel R. Covian Beatrice Avalos

R. Stephen Berry Cyrus Adler M.W. Thring Joseph F. Coates Henryk Skolimowski

Charles C. Price Erwin K. Scheuch Emilio Rosenblueth Shirley B. Johnson

What are the Ethical Considerations in the Application of Technology in Society?



Dr. Henry David Chairman

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Council, Hudson Institute



Dr. Morton A. Kaplan Chairman

SECTION IV THE FUTURE WORLD ORDER

Hilton Room—Lobby

SCHEDULE—Committee 1

Conrad Suite, Dining Room-4th floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"Differences et Interactions Culturelles" Commentary by

"Jomon Culture and Yayoi Culture in Japanese Architecture" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

Untitled Paper Commentary by

"African Intellectuals in the 1980's: Pilgrim's Retreat and Patriot's Progress"

"When the Twain Meet: Problems and Opportunities of a Western University in an Eastern Society" Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"The Influence of 'The Death of Caste' on Contemporary Man" Commentary by

Untitled Paper

"Scientism and Humanism: The Conflict of Interests in the Basic Needs and Values of Human Existence"

Commentary by

Paper Writer

Sory Camara Walter F. Buckley Masaharu Noda

Magoroh Maruyama

Ethelou-Yazzie Adam Nordwall Ali Mazrui

Mohamed Al-Nowaihi

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What is the Nature of Ideological and Cultural Interactions?



Dr. Magoroh Maruyama Chairman

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^{**}Assistant and Rapporteur

^{*}Rapporteur

SECTION IV THE FUTURE WORLD ORDER

SCHEDULE—Committee 2

Conrad Suite, Salon 4th floor

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"Towards Resolving Global Inequalities" Commentary by

"The Eradication of Poverty and the Realization of the Well-Being of Society"

Saturday, November 29 9:00 am to 12:30 pm

"Suggestions on Certain Legal Aspects of Future World Order for a Just Equilibrium between the Developing and Developed Countries" Commentary by

"The Americanization of the World: Western Perspectives on Modernization in Developing Societies"

"Scheme for a Methodology of Research in Economics"

Saturday, November 29 3:00 pm to 6:00 pm

"Affluence, Time, and Happiness"
"Possible Future World Orders:
Some Unpleasant Scenarios"

"Global Inequalities: Their Stark Relevance to the Third World"

Paper Writer

Mohamed Kassas D.H. Whitehead Sang-Hun Lee

Mahmut T. Birsel

Joseph Basile Samir Khalaf

Camilo Dagum

Gylfi Gislason Yehezkel Dror

Edward O. Pratt

How Can We Resolve Global Economic Inequalities?



Dr. Morton A. Kaplan Chairman

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to the United Kingdom

^{*}Rapporteur

SECTION IV THE FUTURE WORLD ORDER

SCHEDULE—Committee 3

Hilton Room—Lobby

Friday, November 28 4:30 pm to 6:30 pm

Paper Title

"The Open Society: Toward A Humanistic World Federation" Commentary by

"A Preliminary Systems Philosophical Description of Valuation" Commentary by

"Outmoded Aspirations" Commentary by

Saturday, November 29 9:00 am to 12:30 pm

"The Morality of Limiting Growth" Commentary by

"Evolution—The Matrix for Human Continuity" Commentary by

"The Next Step in Societal Evolution; Some Historical Precedence" Commentary by

Saturday, November 29 3:00 pm to 6:00 pm

"The Potentials for Individual and Small Group Responses to Global Problems" Commentary by

"The Hindu Contribution to a Happy World Order" Commentary by

"Toward a New Humanism:
The Social Principle of Man and Nature"
Commentary by

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What is the Structure of a Happy World and the Possible Means to Realize it Considering Religion, Science, Politics, and Education?



Dr. Ervin Laszlo

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ICUS — History

The International Conference on the Unity of the Sciences (ICUS), sponsored by The International Cultural Foundation, was founded in 1972 to initiate a meaningful exchange among scholars and scientists from around the world.

ICUS I

The First ICUS was held in New York, November, 1972. Twenty scientists and scholars from eight nations participated along with 20 observers under the co-sponsorship of the Council on Unified Research and Education (CURE).

The theme of this conference was "Moral Orientation of the Sciences." Participants, under the direction of the honorary chairman, Edward Haskell, discussed the fragmentation of modern science and ways this dilemma could be eliminated.

ICUS II

The Second ICUS was held in Tokyo, November, 1973. Sixty scientists and scholars representing 12 countries attended along with some 40 observers to discuss the theme, "Modern Science and Moral Values."

The academic program, under the Chairmanship of Nobusige Sawada, Professor of Philosophy at Keio University was developed by the Executive Committee of Japanese Scholars to attempt to define a standard of value by which science could base its endeavors and improve the state of mankind.

ICUS III

The Third ICUS was held in London, November, 1974 with 128 scientists and scholars from 27 countries participating, including 18 Nobel Laureates.

The theme of this, the largest ICUS conference, was "Science and Absolute Values." The Third ICUS was broken into 4 committees of about 30 participants to deal more closely with the conference sub-themes, Quality of Life: Physical, Mental and Spiritual Aspects; Value Change and Absolute Values; The Unity of the Sciences; and The Idea of the University in a Troubled Society.

Honorary Chairman of the conference was Lord Adrian and papers were presented on the above topics by such noted scholars as Kenneth Mellanby, R.V. Jones, Russell L. Ackoff, Albert Szent-Gyorgyi, Piet Hein, Ragnar A. Granit, Yehezkel Dror, Tosio Kitagawa, and Werner Forssmann.

The International Cultural Foundation

The International Cultural Foundation, sponsor of the International Conference on the Unity of the Sciences, is a non-profit organization dedicated to promoting academic, scientific, religious and cultural exchange among the countries of the world.

Founded in 1968 by Sun Myung Moon, the International Cultural Foundation is now headquartered in New York.

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- * Academic exchange programs
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- * Public welfare and general goodwill to all nations

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