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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### Section I  
**Unity of Science**

| Committee 1: | Chairman: Dr. Eugene P. Wigner, Princeton University  
Assistant Chairman: Dr. O. Roger Anderson  
Columbia Teachers College  
Lamont-Doherty Observatory |
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<tr>
<td>What are the Legitimate Boundaries of Science?</td>
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| Committee 2: | Chairman: Dr. Kenneth Mellanby, Inst. of Terrestrial Ecology, UK  
Chairman: Dr. Russell L. Ackoff, University of Pennsylvania |
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<td>What Is the Possibility of Convergence, Divergence, or Synthesis of Methodology between the Social Sciences and the Natural Sciences?</td>
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<th>Chairman: Dr. Ernan McMullin, University of Notre Dame</th>
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<td>What are the Characteristics of Universal Principles?</td>
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</table>

### Section II  
**The Standard of Value in Society**

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<th>Chairman: Dr. Marvin B. Sussman, Case Western Reserve University</th>
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<td>What is the Structure and Role of the Family in Society</td>
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<th>Chairman: Dr. Frederick Sontag, Pomona College, Claremont, Calif.</th>
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<td>Is Religion Functional as a Source of a Standard of Value Today?</td>
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<td>Are Morals the Responsibility of the Individual or the Social System?</td>
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</table>
Chairmen

E AND ABSOLUTE VALUES
J. J. Liker, 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?  Chairman: Dr. Nicholas Kurti, University of Oxford, UK
Committee 2: What is the Impact of Funding Sources on Scientific Research?  Chairman: Dr. Jules Gueron, Universite De Paris
Committee 3: What are the Ethical Considerations in the Application of Technology in Society?  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?  Chairman: Dr. Makoroh Maruyama, Portland State University
Committee 2: How Can We Resolve Global Economic Inequalities?  Chairman: Dr. Morton A. Kaplan, University of Chicago
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 Piganion

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

Imperial College  
University of Lancaster  
Doxiadis Associates  
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Karolinska Institutet  
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Author

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Institute of Terrestrial Ecology  
Universite De Grenoble  
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Author  
University of Goteborg

United Kingdom  
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Greece  
Switzerland  
Sweden  
Austria  
Denmark  
Germany  
Canada  
United Kingdom  
France

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Canada  
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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  
Staright Roof

28 November  
9:00 AM  Opening Meeting  
Grand Ballroom

Friday

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

10:15 AM  Break

10:45 AM  Opening Plenary Session

Grand Ballroom

The four section chairmen
present papers outlining topics
to be explored by committees in
their respective sections.
Moderator: Dr. R.V. Jones

12:30 PM  Lunch

2:30 PM  Meeting of the Sections

Section Rooms

Four sections meet individually
to hear and discuss papers
presented by participants.

4:00 PM  Break

4:30 PM  Committee Meetings

Committee Rooms

6:30 PM  Break

7:00 PM  Dinner, free time
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<td>Committee Meetings</td>
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<td>12:30 PM</td>
<td>Lunch</td>
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<td></td>
<td>3:00 PM</td>
<td>Committee Meetings</td>
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<td>6:00 PM</td>
<td>Break</td>
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<td>7:00 PM</td>
<td>Dinner and Cultural Event</td>
<td>Grand Ballroom</td>
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<td>Host: Neil Albert Salonen, President, International Cultural Foundation</td>
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<td>Entertainment: New York City Symphony</td>
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<td>Keynote Address: Sir John Eccles</td>
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<td>Featuring: Miss Lana Cantrell</td>
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<tr>
<td>30 November</td>
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<td>Meeting of the Sections</td>
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<td>2:30 PM</td>
<td>Closing Plenary Session</td>
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<td>7:00 PM</td>
<td>Farewell Dinner</td>
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<td>Hosted by Rev. and Mrs. Sun Myung Moon</td>
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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

Paper Writer
Peter E. Hodgson
Chin-Chi Chao
Roger Sperry
Yoshia & Yasuko Shinagawa
Gerard Radnitzky
Eileen Barker

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

Charles T. Tart
Charles J. Brainerd
Stanley Krippner
Choon-Sup Kim
Ravi Prakash
Anne Briscoe
G. Arthur Mihram
Alexander Zucker

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

T.R. Gerholm
O. Roger Anderson
Morton A. Tavel
Herbert Philippps
Ilya Prigogine
Herbert Philippps
# Committee 1

What are the Legitimate Boundaries of Science?

Dr. Kenneth Mellanby
Chairman

## PARTICIPANTS

<table>
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<tr>
<th>NAME</th>
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<td>Free University of Brussels</td>
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<td>George Radnitzky</td>
<td>University of Bochum</td>
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<td>Morton A. Tavel</td>
<td>Vassar College</td>
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<tr>
<td>Alexander Zucker</td>
<td>Associate Director, Oak Ridge National Laboratory</td>
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</table>

*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

Paper Writer
Alair O. Gomes
Mogens Blegvad
Joseph R. Royce
Wei-Kung Wang
Ian I. Mitroff
Erwin K. Schopper

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

C. West Churchman
Thomas A. Cowan
Francis C. Madigan
Gabriel Gyarmati
Kurt Huebner
Milton Marney

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 Artificial”
Commentary by

Wilhelm Fuchs
Sir Geoffrey Vickers
P.B. Checkland
Francisco R. Sagasti
Shuhei Aida
Floyd W. Matson
Committee 2

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

Dr. Russell L. Ackoff
Chairman

PARTICIPANTS

NAME
Shuhei Aida
Francisco J. Ayala
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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RAND Corporation
University of Lancaster
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Rutgers University
Teacher's College, Columbia University
University of Technology, Aachen
Federal University of Rio de Janeiro
Catholic University of Chile
University of Kiel
Xavier University
George Washington University
University of Hawaii
University of Pittsburgh
University of Pittsburgh
President, Data Solutions Corporation
University of Alberta, Edmonton
University of Pennsylvania
Science and Technology Policy
Instruments Project
University of Frankfurt
Distinguished Advisor, Society for
General Systems Research
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U.S.A.
Canada
U.S.A.
Peru

West Germany
United Kingdom
Taiwan

*Frapporteur
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

Paper Writer
H. Dieter Zeh
Willis E. Lamb
Joseph C. Smith
Kristin Shrader-Frechette

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

Yuval Ne’eman
Erich Jantsch
Irving E. Segal
George Marx

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

Gunther Stent
Karel Kuypers
Juan Antonio Gomes
José Simões da Fonseca
### Committee 3

What are the Characteristics of Universal Principles?

Dr. Ernan McMullin  
Chairman

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### PARTICIPANTS

<table>
<thead>
<tr>
<th>NAME</th>
<th>AFFILIATION</th>
<th>COUNTRY</th>
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<tbody>
<tr>
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<td>Marc Kac</td>
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<td>Soo-Won Kang</td>
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<td>Kemal Karhan</td>
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<tr>
<td>Willis E. Lamb</td>
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<td>Niels Christian Lind</td>
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<td>George Marx</td>
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<tr>
<td>Oscar Morgenstern</td>
<td>New York University, Chairman of the Board, Mathematica, Inc.</td>
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<tr>
<td>Yuval Ne'eman</td>
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<td>Filmer S.C. Northrop</td>
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<tr>
<td>Horace G. Oliver, Jr.</td>
<td>Columbia University</td>
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<tr>
<td>Willard V.O. Quine</td>
<td>Harvard University</td>
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<tr>
<td>Jorge A. Sabato</td>
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<tr>
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<tr>
<td>Stanislaw Ulam</td>
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<td>H. Dieter Zeh</td>
<td>University of Heidelberg</td>
<td>West Germany</td>
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</table>

*Rapporteur
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

Paper Writer
Edward Goldsmith
Yeshayahu Leibowitz
Theodosius Dobzhansky
Thomas Boslooper

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

Colette Carisse
Jerzy Piotrowski
G.A. Kocy
Betty E. Cogswell
Ingrid B. Rogner
Teresa Marciano

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

Pierre de Bie
Jan Trost and
Teresa Marciano
James Ramey
E. Terry Protho
Sol Tax
Erik Grønseth
# Committee 1

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

Dr. Marvin B. Sussman  
Chairman

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## PARTICIPANTS

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<tr>
<th>NAME</th>
<th>AFFILIATION</th>
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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
Paper Writer
Frank Goble
R.W. Jackson
J.B. Rhine
Ninian Smart

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
Major J. Jones
Slamet Santoso
Sebastian A. Matzca
Frederick P. Ferré
Ben-Ami Scharfstein
Edouard Boné
William G. Pollard
Gerhart Niemeyer

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"
Richard T. Webster
Fred E. Emery
David A. Martín
Ki-Kun Chang
## PARTICIPANTS

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<tr>
<td>Richard Keady</td>
<td>San Jose State University</td>
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*Rapporiteur
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

Paper Writer
William H. Thorpe
J.V. Klavins
Arne F. Petersen
Kurt Baier

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

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
Committee 3
Are Morals the Responsibility of the Individual or the Social System?

PARTICIPANTS

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<th>NAME</th>
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<td>Dwight Joyce Ingle</td>
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<td>Hardin B. Jones</td>
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<td>Arne F. Petersen</td>
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<td>Earl Dean V.S. Robbins</td>
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<td>Paul A. Schilpp</td>
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<tr>
<td>Chesterfield H. Smith</td>
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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
## Committee 1
The Problem of the University—Who Governs and for What Purpose?

![Dr. Nicholas Kurti](image)

**Chairman**

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### PARTICIPANTS

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25
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

Paper Writer
Gunnar Anderson
Rue Bucher
Rachel Dror
E.G. Malherbe

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"

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
# Committee 2

What is the Impact of Funding Sources on Scientific Research?

![Dr. Jules Gueron](image)

**Chairman**

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<td>Chairman, National Science Development Board</td>
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<td>William Shockley</td>
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<td>Frank H. Spedding</td>
<td>S.U.N.Y., Stony Brook</td>
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<td>George Stroke</td>
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<td>Lewis Thomas</td>
<td>Karolinska Institute, Stockholm</td>
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<td>Han-Yang University Seoul</td>
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<td>Hyung-Jin Yoo</td>
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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

Paper Writer
H. Bentley Glass
Everett I. Mendelsohn
Ernst von Weizsaecker
Helmer H. Dahl
Miguel R. Covian
Beatrice Avalos

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”

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

Saturday, November 29
3:00 pm to 6:00 pm
“The Scientists Role in Disarmament”
   Commentary by
“Ethical Regulation of Technology”
   Commentary by

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

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<tr>
<th>NAME</th>
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<tr>
<td>Cyrus Adler</td>
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<td>Kazuhiko Atsumi</td>
<td>Tokyo University</td>
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<td>Beatrice Avalos</td>
<td>Catholic University of Chile</td>
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<td>Julius Axelrod</td>
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SECTION IV
THE FUTURE WORLD ORDER

Dr. Morton A. Kaplan
Chairman

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
Hidetoshi Kato

J.O. Wisdom
Se-Won Yoon
Francois Amorn d-Aby
Kivuto Ndeti

Alvaro Gonzalez
# Committee 1
What is the Nature of Ideological and Cultural Interactions?

## PARTICIPANTS

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*Assistant and Rapporiteur  
**Rapporiteur
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"

Paper Writer
Mohamed Kassas
D.H. Whitehead
Sang-Hun Lee

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"

Paper Writer
Mahmut T. Birsel
Joseph Basile
Samir Khalaf
Camilo Dagum

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
Gylfi Gislason
Yehezkel Dror
Edward O. Pratt
# Committee 2

**How Can We Resolve Global Economic Inequalities?**

Dr. Morton A. Kaplan  
Chairman

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## PARTICIPANTS

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<td>Edwin Ang</td>
<td>Ph.D., Chicago</td>
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<td>Joseph Basile</td>
<td>The Catholic University of Louvain</td>
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*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

Paper Writer
Jong Y. Yoo
Donald F. Keys
Anthony J. Fedanzo, Jr.
William Bergman
Thomas E. Jones
Helio Jaguaribe

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

Edward Walter
Richard Coe
J. Arnold Roze
Albert Szent-Gyorgyi
Alistair M. Taylor
Lawrence N. Solomon

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

John Rheinfrank
Hiroshi Motoyama
Radh Achuthan
Myung-Sik Lee
Hwa-Yol Jung
Gabor Strasser
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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.

Activities sponsored by the International Cultural Foundation include:
* International cultural and artistic exchanges involving dance, music, painting, sculpture, etc.
* Academic exchange programs
* Publishing books and magazines of cultural significance
* Public welfare and general goodwill to all nations
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For assistance or information, Conference Headquarters is located in the Vanderbilt Suite, 4th floor.

Please wear your name badge. It allows you entry to the meetings. White—participants, green—staff, tan—observer, pink—press, yellow—hospitality.

A message board for participants will be maintained in the Conference Headquarters. We will try to relay messages if possible. The Waldorf-Astoria Hotel telephone number is (212) 355-3000.

Outgoing telephone calls and all personal services will be billed to you upon check-out.

A participant’s lounge will be open at all times in the Herbert Hoover Suite and the Vertes Suite, 4th floor. Books will be displayed in the Hoover Suite.

Tours for spouses and guests of participants may be arranged at the Hospitality table, South Lobby.

Transportation back to the airport is arranged through Headquarters.