

ICUS

NOVEMBER 25-28, 1982  
FRANKLIN PLAZA HOTEL  
PHILADELPHIA, PA.

PROGRAM

# **Eleventh International Conference on the Unity of the Sciences**

THE SEARCH FOR ABSOLUTE VALUES  
AND THE  
CREATION OF THE NEW WORLD



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# "MODERN SCIENCE AND MORAL VALUES" THE 2ND INTERNATIONAL CONFERENCE

## WHAT IS "ICUS"?

"ICUS" stands for the annual "International Conference on the Unity of the Sciences." Sponsored by the International Cultural Foundation, Inc., this unique conference convenes distinguished scholars and scientists from around the globe and from every field of study to pursue timely and significant issues of worldwide concern. Conference themes have been developed around the search for a central standard of value to solve the crisis of fragmentation of the sciences in the face of pressing global problems.

What makes this conference unique? ICUS is the only conference of its kind which is truly international, interdisciplinary, and concerned with the world as a whole. There is very little institutional support for a meeting of such scope among most scientific and educational organizations with more limited concerns, despite a very real need.

And what is this particular need to which ICUS responds? Dr. Alexander King, Chairman of the International Federation of Institutes for Advanced Study and Co-Founder of The Club of Rome, explains it as follows:

"ICUS is the only world occasion where scholars from diverse disciplines can come together and discuss mutual interactions in their work as a multidisciplinary attack on global problems."

Over 500 scholars and scientists from 100 nations will gather this weekend in Philadelphia for the Eleventh ICUS. Under the general theme of "The Search for Absolute Values and the Creation of the New World," they will advance the pursuit for answers to the perplexing problems of our age.

# ON THE UNITY OF THE SCIENCES



ICUS

## STATEMENT OF PURPOSE

Science has developed with the ideal of increasing human knowledge, and indeed, has contributed greatly to human prosperity. Mankind, however, is presently confronted with grave dangers resulting from the often unintended, but harmful side effects of technological applications of scientific knowledge; environmental pollution, populations and cities under stress, global economic inequalities, shortages of energy and other natural resources, and the threat of nuclear disaster.

Underlying these ecological dangers is a fundamental crisis of values—the loss of confidence in traditional religious beliefs and philosophies as reliable standards of moral and ethical behavior.

Some would argue that scientific progress has actually precipitated our present moral dilemma. What emerges is the growing recognition of the critical importance of the search for a more integrated understanding which harmonizes the diverse fields of human knowledge with a guiding standard of value.

As scholars and scientists pursue their specialized fields of study, we ask: to what extent do such pursuits contribute to solving the moral and social crisis of our time? Our intellectual endeavors will solve human problems more effectively if we can agree on a central standard of value to guide the theoretical quest and practical application of scientific knowledge. Without such agreement, our knowledge may lead to self-destruction. Therefore, the purpose of ICUS is to provide an opportunity for scholars and scientists to reflect on the nature of knowledge and to discuss the relationship of science to the standard of value.

## ELEVENTH ICUS CHAIRMAN'S BOARD

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### Chairman

#### **Morton A. Kaplan**

Professor of Political Science  
& Director, Center for Strategic  
and Foreign Policy Studies  
University of Chicago, Illinois, USA



### Past Chairman

#### **Eugene P. Wigner**

Emeritus Professor of Physics  
Princeton University  
New Jersey, USA



### Vice-Chairman

#### **Alvin M. Weinberg**

Director, Institute for Energy Analysis  
Oak Ridge Associated Universities  
Oak Ridge, Tennessee, USA



### **RESPONSIBILITY OF THE INDIVIDUAL IN WORLD SOCIETY**

#### Committee I Chairman

#### **Richard L. Rubenstein**

Robert O. Lawton Distinguished  
Professor of Religion  
The Florida State University  
Tallahassee, Florida, USA

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## **TECHNOLOGY AS A PANACEA?**

**Committee II Chairman**



**Robert U. Ayres**

Professor of Engineering and Public Policy  
Carnegie-Mellon University  
Pittsburgh, Pennsylvania, USA

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## **HUMAN POPULATIONS IN THE FUTURE**

**Committee III Chairman**



**Claude A. Villee, Jr.**

Andelot Professor of Biological Chemistry  
Laboratory of Human Reproduction  
and Reproductive Biology  
Harvard University Medical School  
Boston, Massachusetts, USA



## **MODELS OF RATIONALITY**

**Committee IV Chairman**

**Gerard Radnitzky**

Professor of Philosophy of Science  
University of Trier, West Germany



## **SELF, SOCIETY, AND THE COSMOS**

**Committee V Chairman**

**Karl H. Pribram**

Professor of Neuroscience  
Departments of Psychology and of Psychiatry  
and Behavioral Sciences  
Stanford University, California, USA



# AGENDA

<b>25 November Thursday</b>	2:00 PM	Thanksgiving Dinner	Dominion A
	7:30 PM	Welcoming Reception	Canadian Ballroom
<b>26 November Friday</b>	7:30 AM	Breakfast	Canadian Ballroom
	9:00 AM	Opening Plenary Session	Dominion B & C
	10:15 AM	Coffee Break	
	11:00 AM	Committees Meet—Group A Presentations	
		Committee I (see p. 8)	Dominion A
		Committee II (see p. 12)	Provincial North
		Committee III (see p. 17)	Provincial South
		Committee IV (FREE)	
		Committee V (see p. 26)	Dominion D
	1:00 PM	Luncheon	Canadian Ballroom
	3:00 PM	Committees Meet—Group B Presentations	
		Committee I (see p. 9)	Dominion A
		Committee II (see p. 13)	Dominion B
		Committee III (FREE)	
		Committee IV (see p. 21)	Dominion C
		Committee V (see p. 27)	Dominion D
	4:30 PM	Coffee Break	
	5:00 PM	Committees Continue—Groups B	
	7:00 PM	Dinner	Canadian Ballroom
	8:30 PM	Evening Roundtables (optional)	
		Roundtable #1 (see p. 31)	Dominion A
		Roundtable #2 (see p. 32)	Dominion B
		Roundtable #3 (see p. 33)	Dominion C
		Int'l Highway Project	Dominion D
	10:00 PM	Break	
<b>27 November Saturday</b>	7:30 AM	Breakfast	Canadian Ballroom



9:00 AM	Committees Meet—Group C Presentations Committee I (see p. 11) Committee II (FREE) Committee III (see p. 18) Committee IV (see p. 22) Committee V (see p. 28)	Dominion A  Dominion B Dominion C Dominion D
10:30 AM	Coffee Break	
11:00 AM	Committees Continue—Groups C	
12:30 PM	Luncheon	Canadian Ballroom
3:00 PM	Professors' World Peace Academy Meeting (optional)	Dominion D
4:30 PM	Coffee Break	
6:30 PM	Dinner	Canadian Ballroom
8:00 PM	Group IV-D Opening Session (see p. 24)	Provincial South
8:30 PM	Evening Roundtables (optional) Roundtable #4 (see p. 34) Roundtable #5 (see p. 35)	Dominion D Pacific Hall

## 28 November Sunday

7:30 AM	Breakfast	Canadian Ballroom
9:00 AM	Committees Meet—Group D Presentations Committee I (FREE) Committee II (see p. 15) Committee III (see p. 20) Committee IV (see p. 24) Committee V (see p. 29)	Provincial North Pacific Hall Provincial South Dominion D
10:30 AM	Coffee Break	
11:00 AM	Committees Continue—Groups D	
12:30 PM	Luncheon & Closing Plenary Session	Canadian Ballroom
2:30 PM	Break	
3:00 PM	Question-and-Answer Session on Sponsorship of ICUS (optional)	Provincial North
5:00 PM	Break	
7:00 PM	Farewell Banquet Entertainment	Dominion B & C

## 29 November Monday

7:30 AM	Breakfast	Canadian Ballroom
12:30 PM	Luncheon	Canadian Ballroom

## RESPONSIBILITY OF THE INDIVIDUAL IN WORLD SOCIETY

Richard L. Rubenstein, Chairman

### GROUP I-A. **ARTS AND CONTEMPORARY SOCIETY**

FRIDAY, NOVEMBER 26— 11:00 A.M. Dominion A

The individual, mass society and technology now require an as yet unidentified and undefined equilibrium. It is the task of the Arts and Humanities to reflect on what changes in values, if any, occurred and are occurring as a result of this technological upheaval. Two major themes of concern emerge: American individualism and mass technology and the consequences of that technology.

Cultural representations of this phenomena take on a variety of forms in the arts and literature. In the plastic arts for example, the works of American super-realist sculptor Duane Hanson's polyester vinyl bag ladies emerge replacing renderings of

saints, gods and goddesses. In literature, manifestations of directionlessness overwhelm representations of the ideal. In the papers for this seminar these representations are studied from a historical approach and also through their immediate applications which show the artistic/aesthetic representations of on-going cultural problems. Both artistic and personal identities are called into question by the massive social changes brought about by technological society. We will consider how an individual/literary genius faces those questions, how intellectuals in a totalitarian society face those same questions and how mass media transmits and reflects the changing values.

#### Chair:

**Jean Henry**

Associate Professor of Fine Arts  
University of New Haven  
Connecticut, USA

#### TOPIC:

**IDEALISM AND SELF-IDENTITY:  
NINETEENTH-CENTURY  
NORTHEASTERN HUMOR AND THE  
PROBLEMS OF AMERICAN VALUES**



#### Speaker:

**David E. E. Sloane**

University of New Haven  
West Haven, Connecticut, USA

#### TOPIC:

**INTELLECTUALS AND ARTISTS  
IN THE AGE OF MASS SOCIETY:  
LESSONS FROM  
THE FASCIST EXPERIENCE**



#### Speaker:

**Philip V. Cannistraro**

Head, Department of History and Politics  
Drexel University  
Philadelphia, Pennsylvania, USA

**TOPIC:****ART(S) AND POWER(S) IN OUR CONTEMPORARY SOCIETY****Speaker:****René Berger**

President, International Association  
for Video in the Arts and Culture  
Director and Curator  
Museum of Fine Arts  
Lausanne, Switzerland

**General Discussant:****Betty Rogers Rubenstein**

Art Historian and Art Journalist  
*Tallahassee Democrat*  
Florida, USA

**James Cooper**

Art Director and Production Manager  
News World Communications, Inc.;  
Art Critic  
*The News World* New York, New York, USA

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**GROUP I-B: POLITICS AND CONTEMPORARY SOCIETY**

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FRIDAY, NOVEMBER 26—3:00 PM DOMINION A

Individualism in a highly complex technological society is not likely to meet the challenges of modern times and there is a possibility of limit in the analysis and explanation of individualism from the rational man postulates. Therefore, this panel of papers devotes its analysis and discussions on the role of individualism, values and political development in the context of challenges that are posed by complex technological society of the contemporary world.

**1. Individual Values in a Complex Technological Society**

This paper explores the possibility of thinking about problems of technology and values by approaching the conceptualization of evaluational action using the model of man often employed by economists. The relationship between individual values and market exchange is explored and a discussion of market failure is used as a means to bring into the discussions the problems of collective life and social val-

ues. In particular the influence of collective life on the development of individual utility schedules is explored.

**2. From Agraria to Industria:  
Development for What?**

Social change has always meant a transition from agraria to industria. Since the invention of primitive farm tools, man has been helplessly addicted to the growing sophistication of technology. Technology makes life easier and more comfortable. Therefore, the problem of underdevelopment has always been a challenge but the problem with development is a dilemma. This paper discusses the social and political ramifications of industrialization in an effort to implicate the seriousness of its problems. In this effort, it is hoped that understanding the nature of problems is a necessary step toward finding solutions, and more importantly, conceding the mistakes we made, marks the beginning of our wisdom.



**Chair:**

**Ilpyong J. Kim**

Professor of Political Science  
University of Connecticut, Storrs, USA



**TOPIC:**

**INDIVIDUAL VALUES IN A COMPLEX  
TECHNOLOGICAL SOCIETY**

**Speaker:**

**Richard P. Suttmeier**

Chairman, Department of Government  
Hamilton College  
Clinton, New York, USA



**TOPIC:**

**FROM AGRARIA TO INDUSTRIA:  
DEVELOPMENT FOR WHAT?**

**Speaker:**

**Han Shik Park**

Associate Professor of Political Science  
University of Georgia  
Athens, USA/Korea

**General Discussant:**

**Bruce J. Esposito**

Professor of East Asian History  
University of Hartford  
West Hartford, Connecticut, USA

**John P. Lovell**

Professor of Political Science  
Indiana University  
Bloomington, USA

**Sung Mo Huang**

Professor of Sociology and  
Director of Research,  
Academy of Korean Studies  
Seoul, Korea

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GROUP I-C: **VALUES AND CONTEMPORARY SOCIETY**

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SATURDAY, NOVEMBER 27—9:00 AM DOMINION A

Changing patterns of relationship between religious values, personal identity and social order in the *modern* context occupies the attention of a growing number of historians, philosophers and social scientists who see religion as a primary symptom for both the diagnosis and prognosis of the ills of modern societies. This group will explore three interrelated topics concerning religion's role in contemporary society: (1) *Religion, Global Complexity, and the Human Condition*. Modern societies are bureaucratic systems of highly organized and relatively autonomous sub-systems wherein individuals are torn between conformity

and privacy. (2) *Pluralism and the Social Order*. Modern religious pluralism raises serious questions about the integrating core of modern societies and the social form of modern religion. What happens to religion and to society when religion loses its central place in social life? (3) *Modernization and the Democratic Ideal*. The institutional and ideological segmentation of society has created a "delicate balance" between public conformity and private autonomy. Will the further extension of the rational machineries of modern society destroy the diversity of religious values within our culture?



**Chair:**

**Lonnie D. Kliever**  
Professor and Chairman  
Department of Religious Studies  
Southern Methodist University  
Dallas, Texas, USA

**TOPIC:**

**RELIGION, GLOBAL COMPLEXITY,  
AND THE HUMAN CONDITION**

**Speaker:**

**Roland Robertson**  
Department of Sociology  
University of Pittsburgh  
Pennsylvania, USA



**TOPIC:**

**RELIGIOUS PLURALISM  
AND SOCIAL ORDER**

**Speaker:**

**Phillip E. Hammond**  
Professor of Religious Studies and Sociology  
University of California at Santa Barbara, USA



**TOPIC:**

**MODERNIZATION AND THE  
DEMOCRATIC IDEAL**

**Speaker:**

**Richard L. Rubenstein**  
Committee Chairman

### TECHNOLOGY AS A PANACEA?

Robert U. Ayres, Chairman

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GROUP II-A: **TECHNOLOGY AND THE PROBLEMS FACING INDUSTRIALIZED COUNTRIES IN THE NEXT CENTURY**

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FRIDAY, NOVEMBER 26—11:00 AM PROVINCIAL NORTH

Most industrialized nations (e.g., OECD Countries) have relatively dense populations, high standards of living and high rates of consumption of energy and materials. Most of these countries are or will be large importers of food (except North America, Australasia and France) and virtually all are major importers of petroleum and metals.

Can technological substitutes end this dependency in the 21st century? The paper will (hope-

fully) discuss alternative energy sources, ocean mining, controlled environment agriculture, and other possibilities. (Singer)

What will the so-called "Advanced" countries be able to sell to the rest of the world in the 21st century? Mass production technology is packageable: it will move where labor and resource costs are lowest. A possible answer is "high technology" products, services and crafts. (Williamson)



**Chair:**

**Nicholas Kurti**

Emeritus Professor of Physics  
University of Oxford, England



**TOPIC:**

**NATURAL RESOURCES SCARCITY  
IN THE 21st CENTURY?  
THE ROLE OF TECHNOLOGY**

**Speaker:**

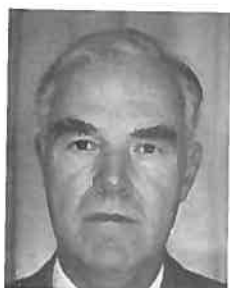
**S. Fred Singer**

Professor of Environmental Sciences  
University of Virginia  
Charlottesville, USA

**Formal Discussant:**

**Dan V. Segre**

Professor of International Relations  
Haifa University, Israel



**TOPIC:**  
**MAKING A LIVING:**  
**PATTERNS OF TRADE**

**Speaker:**  
**D. T. N. Williamson**  
 Group Director of Engineering, Retired  
 Rank Xerox, Ltd.  
 England/Italy

**Panel Discussant:**

**Issam El-Zaim**  
 Assistant Executive Secretary  
 Association of Third World Economists  
 Vienna, Austria/Syria

**Alexander King**  
 Chairman  
 International Federation of Institutes for  
 Advanced Study Paris, France

**Joseph Silverman**  
 Professor of Physics and Director  
 Institute for Physical Science & Technology  
 University of Maryland  
 College Park, USA

**Jack Howlett**  
 Consultant  
 International Computers, Ltd.;  
 Fellow  
 St. Cross College  
 Oxford, England

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**GROUP II-B: TECHNOLOGY AND THE PROBLEMS FACING  
 THE THIRD WORLD IN THE NEXT CENTURY**

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FRIDAY, NOVEMBER 26—3:00 PM DOMINION B

Technological change is one important change to bring about some relief in the abject and despondent conditions which the majority of the peoples of the developing countries find themselves in.

Our speakers intend to investigate whether technology will bring about (judging from union coun-

tries not have advanced materially with the help of technology) economic progress, will it pave the way for social progress as well? What are the costs (economic and social) and what are its benefits? The commentators (a round table format has been advocated for my panel) will react to the papers presented.



**Chair:**  
**Mangalam Srinivasan**  
 Visiting Scientist  
 National Institute of Science, Technology  
 and Development Studies (CSIR) New Delhi, India



**TOPIC:**  
**TECHNOLOGY—RELATED ISSUES IN THE  
 CONTEXT OF THE NORTH-SOUTH DEBATE**

**Speaker:**  
**A. M. Adjangba**  
 Professor of Law  
 Center for Legal and Humanistic Studies  
 University of Benin, Lome, Togo





**TOPIC:**  
**THE RELOCATION OF INDUSTRY  
ON THE AMERICAN CONTINENT**

**Speaker:**

**Milton de Barros Wanderly**  
Associate Professor of Metallurgy & Material Sciences  
Catholic University of Rio de Janeiro, Brazil

**TOPIC:**  
**TECHNOLOGY AND DEVELOPMENT:  
ISSUES AND PROBLEMS**

**Speaker:**

**Shem Arungu-Olende**  
Special Unit on New & Renewable Sources of Energy  
Department of Technical Cooperation for Development  
United Nations, New York City, USA

**TOPIC:**  
**TECHNOLOGY AND SCIENCE  
FOR DEVELOPMENT**

**Speakers:**

**Pradeep and Kalpana Rohatgi**  
Council of Scientific and Industrial Research  
New Delhi, India

**Panel Discussant:**

**K. N. Sivaraman**  
Visiting Fellow  
Department of Adult & Higher Education  
University of Manchester, England;  
Special Officer  
Directorate of Collegiate Education  
Madras, India

**Asit Kumar Bhattacharyya**  
Director  
Rural Studies Center  
Visva-Bharati University  
West Bengal, India

**Padmasiri de Silva**  
Professor of Philosophy  
University of Peradeniya  
Sri Lanka

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GROUP II-D: **TECHNOLOGY AND SPACE:  
PIE IN THE SKY OR NEW FRONTIERS?**

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SUNDAY, NOVEMBER 28—9:00 AM PROVINCIAL NORTH

Is there a solid case for moving away from the Earth? (O'Leary)

Is there a real economic case for investing in space industrialization or is it a dream? (Criswell)



**Chair:**

**S. Fred Singer**

Professor of Environmental Sciences  
University of Virginia  
Charlottesville, USA

**TOPIC:**

**SHOULD SPACE BE COLONIZED?**

**Speaker:**

**Brian T. O'Leary**

Senior Scientist  
Space Applications, Inc.  
El Segundo, California, USA

**Panel Discussant:**

**Thomas Meyer**

University of Colorado Space Interest Group  
Boulder, USA

**Mangalam Srinivasan**

Visiting Scientist  
National Institute of Science, Technology,  
and Development Studies (CSIR)  
New Delhi, India

**Magoroh Maruyama**

Department of Anthropology  
University of Uppsala, Sweden



**TOPIC:**  
**CAN SPACE BE INDUSTRIALIZED?**

**Speaker:**

**David R. Criswell**

President

Cis-Lunar, Inc.

La Jolla, California;

Staff Scientist, California Space Institute

University of California at San Diego

California, USA

**Panel Discussant:**

**Michael J. Hignetsberger**

Professor of Experimental Physics

Chairman, Department of Physics

University of Vienna, Austria

**Manabu Nakagawa**

Professor of Chinese Economic History

Hitotsubashi University;

Committee Member International Society  
on Energy from Space

Japan

# HUMAN POPULATIONS IN THE FUTURE

Claude A. Villee, Jr., Chairman

### GROUP III-A: **FOOD SUPPLY AND HUMAN POPULATIONS**

FRIDAY, NOVEMBER 26—11:00 AM PROVINCIAL SOUTH

There are two readily apparent trends in human populations at present which seem very likely to continue in the future. The first is that there will be an increase in number of the total human population, although the rate of increase (at least in certain countries) is slowing down. The second trend is that the average age of the population, particularly of the developed countries, is becoming greater. This session will focus on the debate as to

whether the food supply can be expanded enough to accommodate a large increase in population without causing irreparable damage to the environment. Another limiting factor is the total energy that will be available for food production in the form of fertilizers, pesticides and the energy required to drive the machines that carry out plowing, cultivating and harvesting the crops.



**Chair:**

**Shigemi Kono**

Director

Division of Population

Quality and Human Population

Institute of Population Problems

Ministry of Health

Tokyo, Japan



**TOPIC:**

**FEEDING THE WORLD'S  
INCREASING POPULATION**

**Speaker:**

**Kenneth Mellanby**

Director Emeritus

Monk's Wood Experimental Station

Huntingdon, England



**TOPIC:**

**HOW TO PERSUADE GOVERNMENTS TO  
PURSUE POPULATION CONTROL POLICY**

**Speaker:**

**Gervin P. Samarawickrama**

Professor and Head

Department of Community Medicine

Ruhuna University College

General Hospital

Galle, Sri Lanka

**Panel Discussant:**

**B. Connor Johnson**

Professor Emeritus of  
Biochemistry  
and Molecular Biology  
University of Oklahoma  
Norman, USA

**Stewart E. Fraser**

Professor of Education  
La Trobe University  
Bundadoora, Victoria, Australia

**Gerald Stanhill**

The Volcani Center  
Agricultural Research Organi-  
zation  
Ministry of Agriculture  
Bet-Dagan, Israel

**P. V. Sukhatme**

Honorary Professor  
Department of Biometry  
Maharashtra Association for  
Cultivation of Science  
Pune, India

**Ung-Kyu Lim**

Professor of Agriculture  
Seoul National University  
Seoul, Korea

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**GROUP III-C: AGE AND AGEING: NEUROBIOLOGICAL ASPECTS**

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SATURDAY, NOVEMBER 27—9:00 AM DOMINION B

The phenomenon of ageing is inherent in all living beings and is a distinct phase in the life cycle of the human species. The discussions of this group will present a survey of the nature of ageing, the role of the age phase of human life, and the physiological, psychological and medical aspects of ageing.

It will be shown that ageing is not simply a degenerative process, but involves qualitative changes resulting in new and valuable features of

vital activities. This is especially true for the mental and behavioral aspects of ageing. The healthy brain of older age groups also guarantees appropriate higher brain functions in the human. The intactness of the brain in older ages has a decisive impact on the quality of life of the elderly. From this point of view, the concepts of the so-called ageing diseases of the brain and of senile dementia will be interpreted.



**Chair:**

**Franz Seitelberger**

Director, Neurological Institute  
University of Vienna  
Vienna, Austria



**TOPIC:**  
**GENERAL BIOLOGY OF AGEING**

**Speaker:**

**Bernhard L. Strehler**

Professor of Biology and Director  
Biology Program of the Gerontology Center  
University of Southern California  
Los Angeles, USA

**Formal Discussant:**

**Gerhard Hofecker**

Institute for Physiology  
University of Veterinary Medicine  
Vienna, Austria



**TOPIC:**  
**AGEING—A DEVELOPMENTAL PROCESS**

**Speaker:**

**Franz Seitelberger**

Group Chairman

**Formal Discussant:**

**Alfonso Escobar**

Department of Neurobiology  
Inst. of Invest. Biomedicas  
Mexico City, Mexico

**Hirotsugu Shiraki**

The Shiraki Institute of Neuropathology  
Tokyo, Japan

## **GROUP III-D: AGE AND AGEING: PSYCHOSOCIAL ASPECTS**

SUNDAY, NOVEMBER 28—9:00 AM PACIFIC HALL

In this session, we will consider the change in the composition of the populations of developed nations such as the United States, Sweden and Japan where in the future an increasing percentage of the population will be over age 65. The trend towards a population with a greater age will have a number of effects on social institutions, on the nature of society, and on the economics of states. Thus, some important psychosocial aspects of the ageing process will be considered. In contrast to

the developed nations, the developing nations now have a very young population with half or more of the total population being less than 15 years old. We will consider the question of how this may change as the developing nations develop. Other problems raised by the gradual ageing of the population are the nature of health care for the aged and how society can provide the proper economic support for the ageing population.



**Chair:**

**Klaus Zapotoczky**  
Professor of Sociology  
University of Linz, Austria



**TOPIC:**

**TOTAL MANAGEMENT OF  
HEALTH CARE FOR THE AGED**

**Speaker:**

**Kikuo Fujiwara**  
Professor of Public Health and Director  
Institute of Community Medicine  
University of Tsukuba, Japan

**Formal Discussant:**

**Zdena Harant**  
Geriatric Unit  
Department of Family & Community Medicine  
Toronto General Hospital  
Toronto, Ontario, Canada

**TOPIC:**

**THE AGED IN POST-AFFLUENT SOCIETY**

**Speaker:**

**Irving Rosow**  
Professor of Medical Sociology  
Langley Porter Neuropsychiatric Institute  
University of California  
San Francisco, USA

**Formal Discussant:**

**Roberta R. Spohn**  
Deputy Commissioner  
New York City Department for the Ageing, USA



## COMMITTEE IV

### MODELS OF RATIONALITY

Gerard Radnitzky, Chairman

#### GROUP IV-B: **EVOLUTIONARY EPISTEMOLOGY**

FRIDAY, NOVEMBER 26—3:00 PM DOMINION C

In order to promote the search for absolute values, we have to take into account the phenomenon of evolution and examine the bearing it has on rationality—for evolution cannot be presumed to be a rational process. This group will discuss “evolutionary epistemology,” i.e., the comparative study of cognitive apparatuses, in relation to the models of rationality which will create a new world. Evolutionary epistemology is concerned with our newly emerging recognition that evolution affects knowledge. Human beings always have had some knowledge and during recent centuries that knowledge has grown immensely. But there has always been debate about its validity, its scope, its rationality and about the method by which it is acquired. The three formal papers in this group will address

themselves to the following three questions:

1. What is the meaning of the fact that an evolutionary theory of knowledge must be based on science rather than on philosophy? Is such a foundation of knowledge rational? (Vollmer)
2. Why is there an increase in rationality when we explain knowledge in terms of biology? (Bartley)
3. The notion of evolution has come to be applied to fields other than biology. What is the meaning of this extension and what are the implications? (Wuketis)



**Chair:**

**Peter Munz**  
Professor of History  
Victoria University of Wellington  
New Zealand



**TOPIC:**

**ON SUPPOSED CIRCULARITIES IN AN EMPIRICALLY ORIENTED EPISTEMOLOGY**

**Speaker:**

**Gerhard Vollmer**  
Professor of Biophilosophie und  
Zentrum für Philosophie und  
Grundlagen der Wissenschaft  
University of Gießen, West Germany



**TOPIC:**

**THE CHALLENGE OF EVOLUTIONARY EPISTEMOLOGY**

**Speaker:**

**W. W. Bartley, III**  
Professor of Philosophy  
California State University  
Hayward, California, USA

**TOPIC:****EVOLUTIONARY EPISTEMOLOGY  
OBJECTIVE KNOWLEDGE, AND RATIONALITY:  
THE EVOLUTIONARY APPROACH IN  
MAN'S SEARCH FOR HIMSELF****Speaker:****Franz M. Wuketits**Professor of the Philosophy of Science  
University of Vienna, Austria**Panel Discussant:****Anthony O'Hear**Department of Philosophy  
University of Surrey  
Guildford, England**Bernulf Kanitscheider**Professor of Philosophy of Science  
University of Giessen  
West Germany**Rosaria Egidi Bianco**Professor of Philosophy  
University of Medina, Italy**Percy Lowenhard**Professor of Psychology  
University of Gotesborg, Sweden**Robert Kaspar**Institute of Zoology  
Department of Theoretical  
Biology  
University of Vienna, Austria

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**GROUP IV-C: ECONOMIC MODELS OF RATIONALITY**

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**SATURDAY, NOVEMBER 27—9:00 AM DOMINION C**

The considered problem of human rationality has a long history, dating back to ancient and medieval times when the sciences were largely subordinate to the discipline of philosophy. The philosophical psychology in Aristotle and its monumental extensions in St. Thomas Aquinas are more than sufficient examples of both the logical establishment of and precise exercise in human rationality. On the basis of such background and more, perhaps the first guidepost in the treatment of socio-economic models of rationality is the recognition of its essentially philosophical character.

In the "social sciences," and particularly economics, attempts at logical and mathematical expositions of rationality in essence and behavior have long been pursued. Frank Knight's Law of Choice generalizes it accordingly, "In the utilization of limited resources in competing fields of employ-

ment, which is the form of all rational activity in conduct, we tend to apportion our resources among the alternative opportunities." But is a generalization of this sort and the countless possible theoretical constructions built on and about it, with varying levels of abstractionism, sufficient to conform with reality drenched in habit, custom, tradition, cumulative causation, evolutionary change, and non-rational factors of objective conditioning and restraint?

On these few bases alone it would seem that the guiding objectives of this session are necessarily (1) a determination of the nature of human rationality in essence and behavior (2) the limitations in the use of models as a substitute for the perennial shuttle between the idea and the concrete, and (3) a pertinent relationship of the examined subject to the search for absolute values.



**Chair:**

**Lev E. Dobriansky**  
Georgetown University  
Washington, D.C., USA

**TOPIC:**

**THE CONCEPT OF RATIONALITY**

**Speaker:**

**Morton A. Kaplan**  
Conference Chairman



**TOPIC:**

**PROBLEMS IN THE CONCEPT  
OF ECONOMIC RATIONALITY**

**Speaker:**

**Russell Hardin**  
Associate Professor of Political Science  
University of Chicago  
Illinois, USA

**TOPIC:**

**THE RATIONAL CHOICE MODEL  
IN SOCIOLOGY:  
A PROMISE OF PROGRESS?**

**Speaker:**

**Karl-Dieter Opp**  
Professor of Sociology  
University of Hamburg  
West German

**Panel Discussant:**

**Dieter Cassel**  
Professor of Economics  
University of Duisberg  
West Germany

**Kenneth Koford**  
Assistant Professor of  
Economics  
University of Delaware  
Newark, USA

**Christian Schmidt**  
Director of Research  
University of Paris-Dauphine  
France

**Walter Block**  
Senior Economist and Director  
Center for the Study of  
Economics and Religion  
The Fraser Institute  
Vancouver, B.C., Canada

**Naomi Moldofsky**  
Professor of Economics  
University of Melbourne  
Australia

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**GROUP IV-D: PHILOSOPHICAL THEORIES OF RATIONALITY**

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SESSION I: SATURDAY, NOVEMBER 27—8:00 PM PROVINCIAL SOUTH

SESSION II: SUNDAY, NOVEMBER 28—9:00 AM PROVINCIAL SOUTH

This Group deals with the fundamental problem of the very possibility and limitations of rationality. The philosophical theories of rationality to be considered in this group have developed from the attempt to answer two important claims about the limitations of rationality. The first claim, based on sceptical and subjectivist arguments, is that rationality is so limited that choice among fundamental assumptions is arbitrary. The second claim, based

on determinism, explains away apparently rational argumentation as being wholly explicable by forces or influences that have nothing to do with rationality—whether material, or economic, or psychological. If either of these claims is correct, serious rational argumentation is futile, and the appearance of it is illusory. Yet such claims are in fact accepted by the majority of philosophers.



**Chair:**

**W. W. Bartley, III**

Professor of Philosophy  
California State University  
Hayward, California, USA

**TOPIC:**

**"MUST NATURALISM  
DISCREDIT NATURALISM?"**



**Speaker:**

**Antony Flew**

Professor of Philosophy  
University of Reading  
England  
and York University, Canada

**General Discussant:**

**Adolf Hübner**

President  
Ludwig Wittgenstein Gesellschaft  
Kirchberg/Wechsel, Austria

**Angelo Maria Petroni**

Centro di ricerca e documentazione  
"Luigi Einaudi,"  
Turin, Italy

**Nobusige Sawade**

Emeritus Professor of Philosophy  
Keio University, Japan;  
President  
Japanese Association of Philosophy of Science  
Tokyo

**TOPIC:  
A GÖDELIAN THEOREM FOR  
THEORIES OF RATIONALITY**

**Speaker:**



**John F. Post**  
Professor of Philosophy  
Vanderbilt University  
Nashville, Tennessee, USA

**TOPIC:  
WHAT HAS BECOME OF CCR?**

**Speaker:**



**J. W. N. Watkins**  
Professor of Philosophy  
University of London  
England

**TOPIC:  
IN DEFENSE OF SELF-APPLICABLE  
CRITICAL RATIONALISM**

**Speaker:**



**Gerard Radnitzky**  
Professor of Philosophy of Science  
University of Trier, West Germany

**General Discussant:**

**Walter B. Weimer**  
Professor of Psychology  
The Pennsylvania State University  
University Park, USA

**W. W. Bartley, III**  
Group Chairman

**Jagdish Hattiangadi**  
Associate Professor of Philosophy  
York University  
Downsview, Ontario, Canada

# SELF, SOCIETY, AND THE COSMOS

Karl H. Pribram, Chairman

## GROUP V-A: **EVOLUTION OF MORAL AND ETHICAL BEHAVIOR**

FRIDAY, NOVEMBER 26—11:00 AM DOMINION D

Human beings in every culture and throughout history have developed rules for proper conduct. Religions and common social mores provide guidance in interpersonal relationships, child rearing, sexuality, and all other spheres of human affairs. It may be that the human species has evolved to create moral and ethical rules and to socialize children into prescribed ways of behaving. The evolution of the human brain and the context of social life

in groups can support the idea that moral and ethical rules are part of our evolutionary heritage. Recent evidence on development in several cultures shows that children around the world arrive at the idea of "ought" in the second year of life; they seek moral rules, just as adults begin to teach such prescriptions for living. This symposium will address issues of the evolution and development of moral and ethical behavior in the human species.



**Chair:**

**Sandra Scarr**

Professor of Psychology  
Yale University  
New Haven, Connecticut, USA

**TOPIC:**

**THE EVOLUTION OF A SENSE OF FAIRNESS**



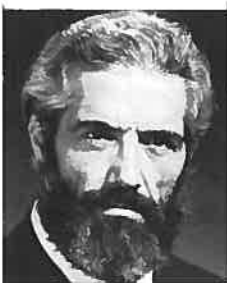
**Speaker:**

**Robert Trivers**

Professor of Biology  
University of California at Santa Cruz, USA

**TOPIC:**

**WHAT BIOLOGY CANNOT TELL US ABOUT ETHICS**



**Speaker:**

**Tom Settle**

Professor of Philosophy  
University of Guelph  
Ontario, Canada

**TOPIC:**

**MORAL EVOLUTION THROUGH MORAL DEVELOPMENT**



**Speaker:**

**Thomas J. Berndt**

Associate Professor of Psychology  
University of Oklahoma  
Norman, Oklahoma, USA

**Panel Discussant:**

**Sung Joe K. S. Hahn**

Professor of Political Science  
Korea University Seoul, Korea

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**GROUP V-B: ORIGINS OF HUMAN CULTURE**

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FRIDAY, NOVEMBER 26—3:00 PM DOMINION D

Darwinian evolution has frequently been criticized on the grounds that it fosters the assumption that there is a necessary struggle between species for survival. While this point may be debated, evolutionary theory has led to far more important consequences in our thinking about human social organization. These are the lessening of an anthropomorphic world view, and a profound shift in our sense of time. This has promoted the search for our human lineage over millions rather than thousands of years, and has led to a new perspective on our relationship to other mammalian species.

This session is the second in a series on the

origins of human behavior. Last year Dr. Ralph Holloway sketched the evidence on the evolution of the brain derived from his pioneering work on the study of proto-hominid brain endocasts. Dr. Sandra Scarr addressed the implication of modern genetics for our understanding of the function and development of human intelligence.

In this session we focus on two critical turning points in the evolution of human social organization:

1. The transition from selfish to sharing communities as approximately 2 million years BC.
2. The shift to hierarchical social systems that appears to develop in agrarian economies.



**Chair:**

**Diane McGuinness**  
Department of Psychology  
Stanford University  
California, USA

**TOPIC:**

**EVOLUTION OF THE JUVENILE PERIOD  
OF THE HUMAN LIFE CYCLE**

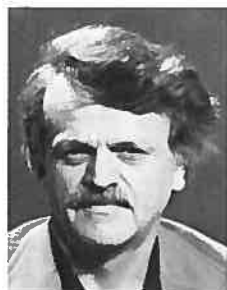


**Speaker:**

**Jane B. Lancaster**  
Professor of Anthropology  
The University of  
Oklahoma at Norman, USA

**TOPIC:**

**THE EVALUATION OF  
HUMAN SOCIAL SYSTEMS**



**Speaker:**

**Chet S. Lancaster**  
Adjunct Associate Professor  
Department of Anthropology  
The University of Oklahoma  
at Norman, USA



**Panel Discussant:**

**Peter Reynolds**

Guggenheim Fellow  
Chicago, Illinois, USA

**Ralph L. Holloway**

Professor of Anthropology  
Columbia University  
New York City, USA

**Mark N. Cohen**

Department of Anthropology  
State University of New York  
Plattsburgh, New York, USA

**Jorg Hess-Haeser**

Primatologist, Basel Zoo  
Basel, Switzerland

**Joseph Shepher**

Professor of Sociology and  
Anthropology  
Chairman, Research Authority  
University of Haifa, Israel

**Sandra Scarr**

Professor of Psychology  
Yale University  
New Haven, Connecticut, USA

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**GROUP V-C: THE NEW PHYSICS AND COSMOLOGY**

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SATURDAY, NOVEMBER 27—9:00 AM DOMINION D

For the past half century, physicists have discovered an order, both at the quantum and cosmological level, which is best described as a transform of the ordinary configurational domain described in Euclidean and Newtonian terms. The newly-described order cannot at present be discerned simultaneously with the configurational. This has called attention to the role of the observer in demonstrating any quantal and cosmological phenomenon. Thus the role of the observer's perceptions and an under-

standing of perceptual processes becomes critical.

The Group presentations address these problems both from the standpoint of the physicist and that of the biologist. Understanding the brain mechanisms by which perceptions become constructed are part of the story. Another part concerns the discovery of the transform domain which has implications not only for science but for the values by which scientists pursue the search for knowledge.



**Chair:**

**Nobuyuki Fukuda**

President  
University of Tsukuba, Japan



**TOPIC:**

**THE LIMITATIONS OF DETERMINISM**

**Speaker:**

**Eugene P. Wigner**

Emeritus Professor of Physics  
Princeton University New Jersey, USA

**TOPIC:  
SOME INSIGHTS INTO  
QUANTUM PHYSICS AND THE  
ORGANIZATION OF  
CONSCIOUS PROCESSES**

**Speaker:**

**Henry Stapp**  
Professor of Physics  
University of California  
Berkeley, California, USA

**TOPIC:  
BRAIN AND THE NEW PHYSICS**

**Speaker:**

**Karl H. Pribram**  
Committee Chairman

**General Discussant:**

**Max Jammer**  
Professor of Natural Philosophy and  
History of Science, Bar-Ilan University  
Ramat-Gan, Israel;  
President Association for the  
Advancement of Science in Israel



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**GROUP V-D: THE SPIRITUAL NATURE OF MAN**

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**SUNDAY, NOVEMBER 28—9:00 AM DOMINION D**

In this session we will explore the spiritual nature of man, his conscious awareness, self reflection, and connection to other human beings, and the cosmos as a whole. Can the use of the scientific method address issues about the nature of consciousness? The participants will discuss experimental evidence on the properties of conscious intention, suggesting its space-time independence. We will also explore a set of theoretical models, in particular, complex multidimensional geometries that reconcile some of the properties of consciousness with the main body of science. These models of mental activity will be related to brain/body function or biophysical mechanisms in terms of "holographic resonant phenomena."

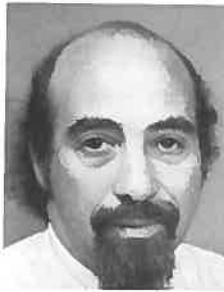
Concepts of subjectivity, reason, logic, emotion and spirit will be addressed, as well as the role of consciousness in the cosmos, i.e., the observer/participator issue. Properties of remote connectedness and non-locality appear as attributes of the physical world, as well as of human consciousness. Some of this research can be interpreted in terms of a transformation into a domain apart from the ordinary sensory Euclidean/Newtonian domain. The relationship between domains is one of mutual formal causality rather than of efficient proximal causality which motivates current science. Further, the transform domain brings back into the pursuit of knowledge, value and purpose which relate to the spiritual nature of man.



**Chair:**

**Elizabeth A. Rauscher**  
Professor of Physics  
John F. Kennedy University  
Orinda, California;  
Member, Abundance Project  
University of California, USA

**TOPIC:**  
**MICROTUBULES AND RESONANCES**



**Speaker:**

**Stuart R. Hameroff**  
Assistant Professor of Anesthesiology  
College of Medicine  
University of Arizona  
Tucson, USA

**TOPIC:**  
**REMOTE CONNECTEDNESS  
IN COMPLEX GEOMETRIES  
AND ITS APPLICATION  
TO THE NATURE  
OF THE HUMAN MIND**

**Speaker:**



**Ceon Ramon**  
Research Associate  
Institute of Applied Physiology and Medicine  
Seattle, Washington, USA

**TOPIC:**  
**THEORETICAL & EXPERIMENTAL  
EXPLORATION OF THE REMOTE  
PERCEPTION PHENOMENA**

**Speaker:**



**Elizabeth A. Rauscher**  
Group Chairman

**General Discussant:**

**Jean E. Charon**  
Theoretical Physicist  
Saclay Nuclear Research Center  
Villebon-sur-Yvette, France

# EVENING ROUNDTABLES

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## EVENING ROUNDTABLE #1: **THE ANATOMY OF PEACE**

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FRIDAY, NOVEMBER 26—8:30 PM DOMINION A

Peace is the cessation of conflict in the outer environment and calm and tranquility of mind in the inner environment of man. Man breeds geometrically but his basic needs of food, shelter and clothing increase arithmetically. There is, thus, always a gap between the two—population increase and production of resource materials.

Both these phenomena occupy different geographical areas of the world, so distribution in whatever way be attempted, would always be disadvantageous to some part or someone. Need and

greed are relatively difficult to assess. Here then are some causes of conflict, hostilities and war.

However, the real cause of conflict lies in the very nature of the human species. The phenomenon of love and hate is the result of the split brain in man. There is fear and stress that makes man violent and aggressive. Research in psychobiology, neurophysiology, psychology, consciousness, etc., of the human brain and mind lead us to believe that search for best formula for peace lies in the inner realm rather than outer environment of man.

### **Moderator:**

#### **Joseph Ben-Dak**

Professor of Peace Studies  
and International Management  
University of Haifa, Israel



### **Speaker:**

#### **Gopal S. Puri**

Visiting Professor of Ecoscience  
and Environmental Education to  
Indian Universities  
Liverpool, England/India



### **Discussant:**

#### **Peter van den Dungen**

Professor of Peace Studies  
University of Bradford  
Bradford, England

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## **EVENING ROUNDTABLE #2: POSSIBILITIES OF NUTRITION INTERVENTION IN LATIN AMERICA**

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**FRIDAY, NOVEMBER 26—8:30 PM—DOMINION B**

In Latin America, 41% of the families are below the line of critical poverty, including 60 million children. Furthermore, 20% of the families live in a state of absolute poverty: their total income is not enough to even satisfy hunger. As a consequence of malnutrition, infant mortality is five times higher in the Latin American countries than in the United States, and preschool mortality is 20 times higher.

The many surveys carried out in Latin America show that 65% of the children below 6 years of age suffer from malnutrition. In the majority of malnutrition cases, the problem is caused, not by food shortage or poor eating habits, but mainly by the individual's lacking the economical means to assure an adequate daily diet.

It is absolutely necessary to develop a strategy to

obtain quick progress in economic and social development. It can be deduced that modernization of agriculture and animal husbandry should have a high priority, not only to help solve local nutrition problems, but also as a key element in economic development.

Undernutrition and poverty seem to provoke an irrecoverable damage in the infantile population constituting a vicious circle: underdevelopment produces undernutrition and poverty; at the same time undernutrition and poverty impede development. For this reason it is imperative to prevent undernutrition and thus permit development.

In this presentation different programs of prevention of undernutrition that have been successful are analyzed.



**Moderator:**

**Guido Pincheira V.**

Director of Research  
University of Chile, Santiago



**Speaker:**

**Fernando Monckeberg B.**

Director  
Institute of Nutrition and Food Technology  
University of Chile;  
Director  
Corporacion Para La Nutricion Infantil  
Santiago, Chile

**Discussant:**

**Avtar S. Atwal**

Dean of Post-Graduate Studies  
Punjab Agricultural University  
Ludhiana, Punjab, India

FRIDAY, NOVEMBER 26—8:30 PM—DOMINION C

Many scientists think that creation evolved out of chaos and that we are living in a chancy world. They tend to neglect the thinking of the Creator that goes into every aspect of creation, and to characterize life as a chance phenomenon.

The purpose of this session will be to demon-

strate purely from scientific considerations that the organization of matter, be it inert or living, be it at the microscopic or macroscopic level, is only part of a Grand Scheme of the Creator. An attempt to provide a unified overview of the forces of nature and its implications for the existence of living and inert matter will be made.

**Moderator:**

**Henryk Skolimowski**

Professor of Philosophy  
Department of Humanities  
College of Engineering  
University of Michigan at Ann Arbor, USA



**Speaker:**

**M. Shamsar Ali**

Professor of Physics  
Dacca University  
Dacca, Bangladesh

**Discussant:**

**Lloyd Motz**

Emeritus Professor of Astronomy  
Columbia University  
New York, New York, USA

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## EVENING ROUNDTABLE #4: **FAMILY: PAST, PRESENT, FUTURE**

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SATURDAY, NOVEMBER 27—8:00 PM DOMINION D

In this discussion of the Family, the segment on the past will emphasize the traditional dependence of women on men, with consequent loss of individual feminine identity; the segment on the present, the growing independence of women and its disruptive effects on the family; and the segment on

the future, possibilities of interdependence, reconciling personal self-realization with family cohesion.

In all three segments, an effort will be made to maintain a holistic perspective, keeping a balance between emotional and intellectual development, spiritual and material needs, and individual and collective concerns.



**Moderator:**

**Hilja B. Wescott**

Director  
The Women's Advisory Exchange  
Drew University  
Madison, New Jersey, USA



**Speaker:**

**Lynne Masland Bettis**

Humanities Consultant  
Western Washington University  
Bellingham, Washington, USA

**Discussant:**

**Kailash Puri**

Director  
East-West Family Advisory Circle  
Liverpool, England/India

**Discussant:**

**Jane M. Christian**

Associate Professor of Anthropology  
and Linguistics  
University of Alabama  
Birmingham, Alabama, USA



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**EVENING ROUNDTABLE #5: THE SEARCH FOR VALUES IN PUBLIC ADMINISTRATION**

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SATURDAY, NOV. 27—8:00 PM PACIFIC HALL

The world and the societies embraced by the term “world,” are becoming ever increasingly complex and interdependent. The role of the public administrator—be it at the very local level when delivering a specific service to an individual citizen, or at the national and international levels when dealing with global or national policy development

and implementation—becomes increasingly important. Today, however, there is a general consensus that a paradigmatic crisis exists in the field.

What should the role of the administrator be in the public sector? What values and hence decision rules should guide the actions of the administrator?



**Moderator:**

**Gerald S. Leighton**

School of Government and Business Administration  
George Washington University  
Washington, D.C., USA

**Speaker:**

**Michael M. Harmon**

Professor of Public Administration  
George Washington University  
Washington, D.C., USA

**Discussant:**

**Robert Denhardt**

Dean  
College of Business and Public Administration  
University of Missouri  
Columbia, Missouri, USA

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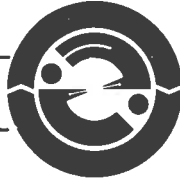
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**Reverend Sun Myung Moon**  
Founder

The Reverend Sun Myung Moon is the founder of the International Conference on the Unity of the Sciences as well as its sponsoring organization, the International Cultural Foundation, Inc.

As in past years, Reverend Moon will deliver the Founder's Address to open the conference.

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ICF

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 the Reverend Sun Myung Moon, the Foundation is now headquartered in New York with branches throughout the world.

The International Cultural Foundation is authorized to receive and is supported by contributions. Grateful appreciation is given to the Unification Church for its financial support which makes the ICUS series possible. Participation in ICUS and other programs of ICF implies neither acceptance nor endorsement of the tenets and activities of the Unification Church.

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# PROFESSORS' WORLD PEACE ACADEMY

## PURPOSE

The Professors' World Peace Academy (PWPA) is an association of scholars who—because they perceive the crisis of modern civilization—are willing to commit themselves to the utilization of their disciplinary competence for the purpose of the study and amelioration of the problems that beset the contemporary world.

## SCOPE AND METHODOLOGY

Because of its interdisciplinary approach, PWPA is able to avail itself of both the cross-fertilization that results from experts from many fields working together and the scholarly precision of the specialist. Programs are sponsored in education, the natural sciences, literature and the arts, as well as in the social sciences. The scope is very broad; members are interested in practically every field of human endeavor.



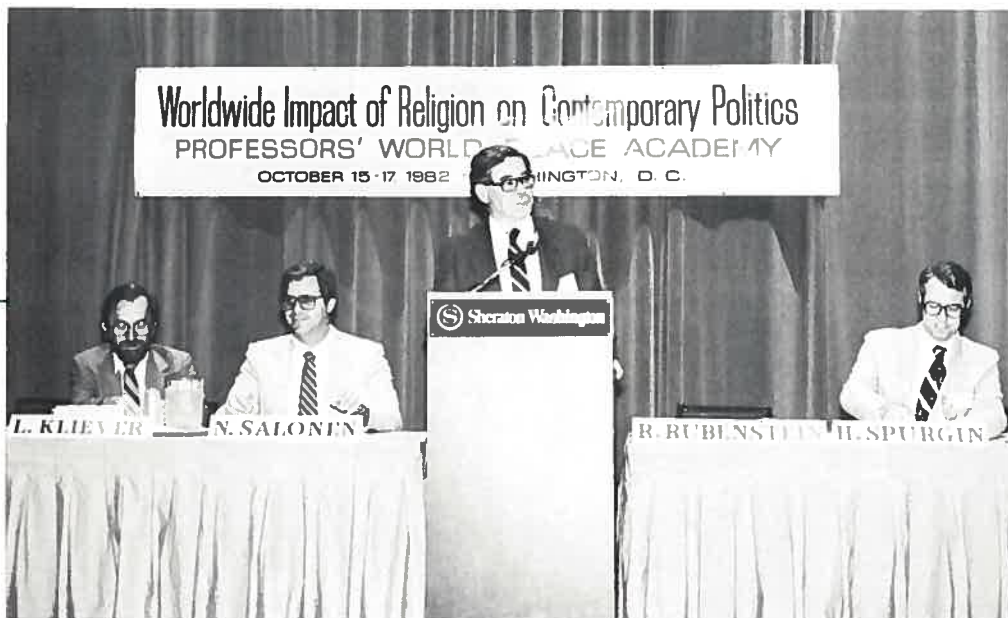
Reverend Chung Hwan Kwak greeting Professor A.J. Ohin in Abidjan, Ivory Coast.



Lima, Peru, March 13-14, 1982



Kinshasa, Zaire, April 24-26, 1982



Dr. Richard Rubenstein, President of PWPA—USA



Kinshasa, Zaire, April 24-26, 1982

### BRIEF HISTORY

In order to promote peaceful interaction between Korea and Japan, in 1972 Rev. Moon initiated a series of friendship meetings among university professors in those two previously hostile nations. Out of those encounters emerged the idea of a broad based association of scholars seeking to advance the cause of peace and prosperity. Chapters of PWPA were inaugurated in Korea in May, 1973 and in Japan in September, 1974. The Academy has now spread to more than forty countries.

### ACTIVITIES

PWPA sponsors a wide range of research and publishing activities. These activities include study groups, seminars, task forces, and conferences on issues of relevance to the formation of public policy. Much of the activity of PWPA in the United States is conducted through the newly-formed Washington Institute for Values in Public Policy. PWPA-USA also sponsors an annual conference in Washington, D.C.; this year the theme was "The Worldwide Impact of Religion on Contemporary Politics."

The Washington Institute for Values in Public Policy is an independent, non-profit, non-partisan institution devoted to the study of the long-range implications of public policy issues affecting the security and wellbeing of the American people. Through its research, educational and publication program, the Institute seeks to provide decision-makers with a critical understanding of the consequences of the policy decisions they are called upon to make, and to disseminate its findings to the informed public. The Washington Institute is especially concerned with identifying the underlying ethical values which are an inescapable component in all policy decisions.

In the pursuit of its mission, the Washington Institute has initiated a wide variety of activities. These include a Distinguished Speakers Luncheon Program, a Capitol Hill Briefing Series, a publication program, and is in the process of establishing an East-West Center.

As part of its research program, the Washington Institute has established a number of national task forces to investigate political and social issues deemed to be of current relevance to decision-makers. Each task force is led by a scholar of national reputation who is responsible for the appointment of task force members, the progress of research, and the dissemination of the group's findings.

The following task forces are currently sponsored:

Religion and Politics: Richard L. Rubenstein, President of PWPA-USA which is organizing the Washington Institute and Robert O. Lawton, Distinguished Professor of Religion, Florida State University, chairman; purpose: to explore the impact of religion on politics throughout the contemporary world.

Central America: Marcelo Alonso, Executive Director, Florida Institute of Technology Research and Engineering Center; past scientific director, Organization of American States, chairman; purpose: to offer a critical analysis of the current political and social situation in Central America and to recommend appropriate directions for American foreign policy in the region.

Disarmament: Morton A. Kaplan, Professor of International Relations and Director of the Center for Strategic and Foreign Policy Studies at the University of Chicago, chairman; purpose: to address the problems involved in the worldwide armament/disarmament controversy and to offer suggestions for American disarmament policy in



# FOR VALUES IN PUBLIC POLICY

the 1980s. The Washington Institute has published several monographs by Professor Kaplan based on the research of this task force, including "A Proposal to End the Danger of War in Europe."

**Aggression:** Karl H. Pribram, Professor of Neuroscience, Stanford University, chairman; purpose: to investigate the role of aggression in precipitating human conflict ranging from the individual to the global, through a study of the underlying causes and the exploration of the possibilities of reducing aggression in situations in which it is dysfunctional.



**Middle East:** Edward E. Azar, Director, Center for International Development at the University of Maryland, chairman; purpose: to analyze and review American objectives in the region, including strategic and political commitments, geo-political interests, the growing arms race, regional political instability, and demographic factors relevant to policy-making.



**The Arts and the Humanities:** Jacqueline Ann Kegley, Professor of Philosophy, California State University at Bakersfield and Betty Rogers Rubenstein, Lecturer in Art History, Florida A and M University, co-chairpersons; purpose: to study the phenomenon of public art, the criteria and the process by which it is chosen, how it is funded, and its impact on the general public.



**The Asian International Highway:** Il Pyong Kim, Professor of Political Science, University of Connecticut, chairman; purpose: to explore a new, unique proposal aimed at fostering the reduction of historical animosities among the peoples of Japan, China, and Korea through the building of an international highway, thereby encouraging travel, trade and international communication.

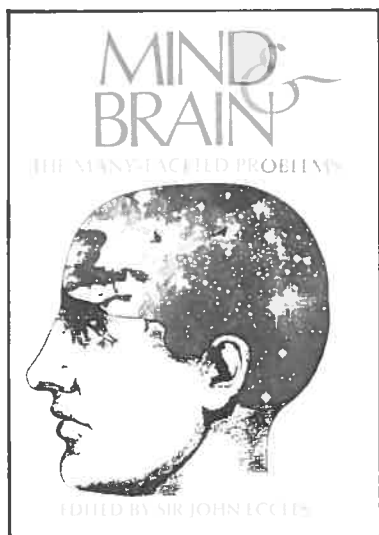


The Washington Institute was founded by the International Cultural Foundation in 1982. It is expected that it will receive its charter of incorporation early in 1983. The Washington Institute will be financed primarily by philanthropic foundations and private donations. The Institute will be governed by a Board of Trustees, whose members are to be selected on the basis of their demonstrated leadership in public affairs or scholarship. The officers and staff of the Institute will be responsible for the implementation of its program. The Director of the Washington Institute is Neil Albert Salonen.

The Washington Institute for Values in Public Policy takes no positions on matters of public policy.



# PUBLICATIONS



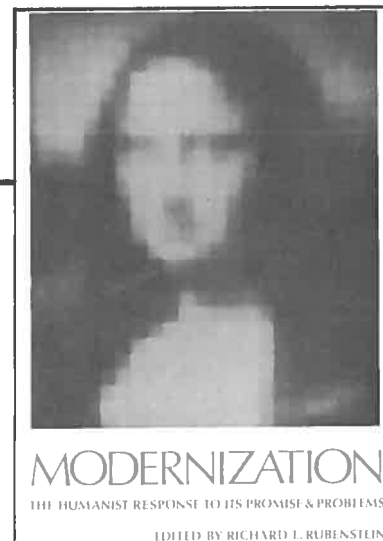
## PARAGON HOUSE PUBLISHERS

Paragon House Publishers is a new division of the International Cultural Foundation responsible for publications which cover a wide range of ICF activities. The first two books published are edited volumes drawn from past ICUS conferences: *Mind and Brain, The Many-Faceted Problems*, Sir John Eccles, editor, and *Modernization, The Humanist Response to Its Promise and Problems*, Richard L. Rubenstein, editor. Future books scheduled for production include volumes on such important topics as society and morality, technology and development, evolution, and the philosophy of science. Under the directorship of publisher William Gertz and the ICF editorial board, Paragon House plans to undertake a vigorous publishing program for the 1980s.

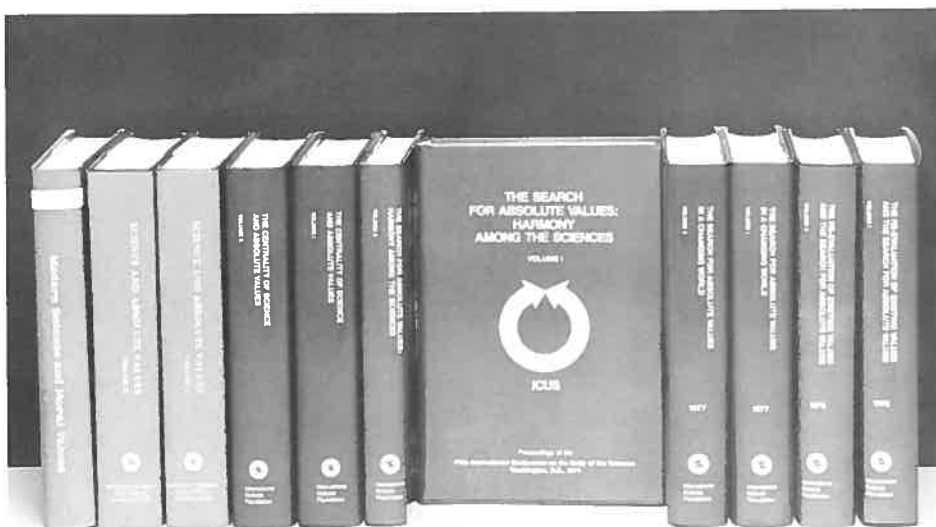


## ICF PRESS

International Cultural Foundation Press has served as the publishing arm of ICF in support of the first ten ICUS conferences. It has published the proceedings of each annual ICUS conference from the second in Tokyo to the Tenth in Seoul. To commemorate the first ten ICUS conferences, ICF is publishing *Science and Absolute Values, Ten Addresses by Sun Myung Moon*.



Annual ICUS Proceedings.  
Editor: Glenn Carroll Strait





## SEMINARS

Lecture by  
Neil Albert Salonen  
Manila, Philippines  
July, 1982



Over the past five years, the Seminars Department of the International Cultural Foundation has organized 16 meetings in 13 different countries.

This series, known as "Introductory Seminars on the Unification Movement," was developed for past ICUS participants who expressed an interest in learning more about the Founder and sponsorship of ICF. This series has been attended by more than 1000 scholars and professionals from 70 nations.

The core of the Introductory Seminar includes presentations on the philosophy and world view of Reverend Moon. Throughout the week, there are also special sessions on the various activities inspired by Reverend Moon, on the lifestyle of the members, on marriage and the family, and on religious liberties. Discussion groups and panels round out the seminar through facilitating the ex-

change of ideas. The lecturers are Unification Church-sponsored Ph.D students and Church leaders.

These seminars provide a rare opportunity to go beyond cultural and national boundaries, bringing scholars together from all parts of the world. Whether visiting a fishing village outside Abidjan, climbing a pyramid in Egypt, or sharing an afternoon on a plantation in the Philippines, we have been able to share the vision of a world family.

Beginning this winter, ICF will be offering a new "Intermediate Seminar Series," which will offer more in-depth presentations and the opportunity to visit key program sites in the New York area. We hope you will be able to join us in the near future. Director of the Seminars Department is Julia Fish Ward.

Montego Bay,  
Jamaica  
August, 1982



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### The following **SERVICES** are available:

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CONFERENCE HEADQUARTERS (Salon 10—Mezzanine Level).

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PUBLICATIONS—Mr. Glenn Carroll Strait, Editor of the ICUS Proceedings will be available to answer questions about copyright, paper revisions, etc. (Salon 7—Mezzanine Level).

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PARTICIPANT BOOK DISPLAY/PROCEEDINGS (Salon 6—Mezzanine Level).

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CONFERENCE PAPERS (Checkroom—Ballroom Level).

---

REGISTRATION/TOURS (Mezzanine Lobby).

---

AIR/GROUND TRANSPORTATION (Mezzanine Lobby).

---

PROFESSORS' WORLD PEACE ACADEMY HEADQUARTERS (Parlor B—2nd Floor).

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PWPA & WASHINGTON INSTITUTE BOOKS (Salon 8—Mezzanine Level).

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PARAGON HOUSE BOOKS (Mezzanine Exhibit Lobby).

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MEDIA HEADQUARTERS (Seminar B—1st Floor).

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GLOBAL CONGRESS OF WORLD'S RELIGIONS (Seminar C—1st Floor).

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INTERNATIONAL HIGHWAY PROJECT EXHIBIT (Parlor D—2nd Floor).

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Please wear your NAME BADGE. It allows you entry to all functions.  
White-participant, blue-observer, green-staff, pink-media.

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A TOUR of Philadelphia will be arranged for spouses & children on Saturday afternoon, November 27th from 1:30 p.m.—6:00 p.m.  
Please sign up at the Registration booth in the Mezzanine Lobby.

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At each conference meal, there will be a special buffet section for vegetarians. If you have other DIETARY RESTRICTIONS e.g. pork, please be advised that there will be French-style food service.

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All INCIDENTAL CHARGES including outside telephone calls will be billed to you upon check-out. Please return your room key to the cashier upon check-out and settle your bill.

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