

WAAS

WORLD ACADEMY OF ART AND SCIENCE NEWSLETTER

APRIL 2006

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ZAGREB GENERAL ASSEMBLY/ "THE FUTURE OF KNOWLEDGE"

The 2005 General Assembly, held in the Westin Zagreb Hotel in the hospitable country of Croatia, was one of the most successful in the history of the Academy.

It began Thursday evening, Nov. 17, with a reception hosted by Zagreb Mayor **Milan Bandić** and held in the beautiful Dverce Palace in the city's Old Town.

The conference proper led off Friday morning with a talk on "Building Knowledge Society" by **Ivo Slaus**, chair of the organizing committee; and a keynote address by **Janez Potočnik**, the European Union's commissioner for research and development.

This was followed by two and one-half very full days,

with plenary sessions and workshops a wide range of issues regarding the future of knowledge and implications for economic development, peace and security, education, employment and planetary evolution.

On Friday evening, a special discussion open to the public featured an exploration of electronic and chemical modifications of cognition and emotion, featuring **James Hughes** of the World Transhumanist Association, **Ivica Kostovic** of the Croatian Institute for Brain Research, and **Eric Racine** of the Stanford Center for Bio-medical Ethics.

On Saturday evening, the gala Founders Banquet honored the memory of the late



Westin Zagreb Hotel

Sir Joseph Rotblat, the last-surviving signer of the manifesto which created the Academy, and welcomed two new Fellows: **Jerome Bindé**, deputy assistant director general of UNESCO; and **Zhelyu Zhelyev**, former president of Bulgaria.

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GENERAL ASSEMBLY IN 2008?

Among the many gratifying outcomes of the 2005 General Assembly in Zagreb were the comments from many participants who wondered why we don't have them more frequently. At the membership meeting, it was suggested that we have them every three years in-

stead of only twice in a decade.

This is an excellent idea, and we will do everything we can to make it possible. However, it will require a considerable amount of advance planning, and that should begin immediately.

We invite Fellows of the Academy who would like their region or country to host the next General assembly (in late 2008) to submit their proposals as soon as possible. Based on our experience with such meetings over the past two dec-

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NEW FELLOWS ELECTED FOURTH QUARTER 2005

Edy Korthals Altes

Former Netherlands ambassador to Poland and Spain; honorary president, World Conference of Religions for Peace.

John Scales Avery

Emeritus professor of physics, University of Copenhagen; chairman, Danish Peace Academy.

Shyam Benegal

Feature film, television and documentary director, India.

Mersad Berber

Painter, graphic artist, illustrator, scene and costume designer, Croatia.

Jérôme Bindé

Deputy Assistant Director General for Social and Human Sciences and Director of the Division of Foresight, Philosophy and Human Sciences, UNESCO.

Fernando Henrique Cardoso

Former president of Brazil; sociologist; professor-at-large, Brown University.

José Carrera

Secretary general, International Academy of Perinatal Medicine; founder and first president, Spanish Association of Perinatal Diagnosis.

Saulo Jose Casali Bahia

Professor of law, Federal University of Bahia; federal judge, Judicial Section of Bahia, Brazil.

Frank Chervenak

Chairman, Department of Obstetrics and Gynecology, New York Presbyterian Hospital, Weill Medical College, Cornell University.

Epeli Hau'ofa

Author; anthropologist; founding director, Oceania Centre for Arts and Culture, Fiji.

Maqbool Fida Husain

Painter and film maker, India

Omar Kafawin

Associate professor, Faculty of Agriculture, University of Jordan.

Patricia Kailis

Neurogeneticist and genetic counselor; co-founder and governing director, the MG Kailis Group; officer, Order of the British Empire (OBE); member, Order of Australia (AM).

Anish Kapoor

Sculptor, Royal Academician, UK.

Zehra Nese Kavak

Chair, Department of Obstetrics and Gynecology, Marmara University Hospital; general secretary, Turkish Association of Business Women; newspaper health policy columnist.

Andrew Lam

Author; editor, Pacific News Service; commentator, National Public Radio; co-founder, New California Media.

Zlatko Lagumdžija

Former prime minister, Bosnia and Herzegovina; founder, The Management Information Technologies Center, Sarajevo.

Carl Edwin Lindgren

Adjunct professor of history and military studies, American Military University; president, Institute for Historical Research.

Jeffrey McNeely

Chief scientist, IUCN – The World Conservation Union, Switzerland.

Bruno Messerli

Geographer; former president, International Geographical Union; former rector, University of Bern, Switzerland.

JOSÉ FURTADO ELECTED SECRETARY-GENERAL



José Ireneu dos Remedios Furtado has been elected to a four-year term as Secretary-general of the Academy, effective immediately.

Dr. Furtado is currently a visiting professor in the Centre for Environmental Studies at University College, London, and has been serving the Academy as a member of the Board of Trustees and as chair of the International Nominations Committee.

Born in Singapore of Goan descent, he did his basic university studies in Australia and Malaysia. He later did postgraduate research in Scotland, Holland, Russia, Japan, China, and Canada.

In his work as a specialist in environmental management and sustainable development, he has served as Chair of Zoology and coordinator of the Ecology Degree and postgraduate program at the University of Malaya in Kuala Lumpur; as Science Adviser to the British Commonwealth Secretariat in London; and as Senior Environmental Specialist at the World Bank in Washington, DC. He has advised public institutions and governments in many countries around the world, and has authored and edited seven books and more than 150 publications. *

ZAGREB GENERAL ASSEMBLY "THE FUTURE OF KNOWLEDGE"

(Continued from page 1)



Stjepan Mesić, WAAS Fellow and President of Croatia

The concluding session on Sunday morning featured reports from the workshops and talks by **Ernst von Weizäcker** of Germany, **Maria da Graça Carvalho** of Portugal, and **Pieter Drenth** of the Neth-

erlands. Croatia's President **Stjepan Mesić** gave the talk which formally closed the General Assembly.

NATO Advanced Research Workshop

Prior to the opening of the General Assembly, a small invitational pre-conference, sponsored by NATO, began an exploration of "Security in Knowledge-based Society." This program was organized by WAAS President Emeritus **Harlan Cleveland**, General Assembly Chair **Ivo Slaus**, and **Mladen Staničić** of the University of Zagreb, director, Institute of International Relations.

Follow-up

Papers and other conference materials have been collected by the Croatian Business Academy, and may be accessed through their web site at:

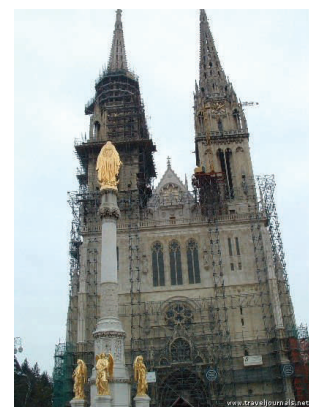
www.cba.com/waas

A special "Future of Knowledge" issue of the journal *Futures: The Journal of Policy, Planning and Futures Studies* is now being prepared, and will be published in the spring of 2007.

A report on the General Assembly appears in the April 2006 issue of *The Journal of Transformative Education*.

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MORE PHOTOS FROM ZAGREB



St. Stephen's Cathedral, Zagreb



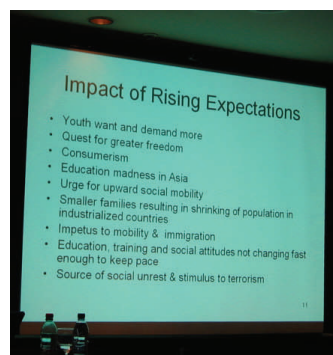
Paolo Cotta-Ramusino



Burke Zimmerman



Keith Vargo and Harlan Cleveland



Faris Gavrankapetanovic, Bohdan Hawrylyshyn, Walt Anderson, Nejbosa Radunovic

GENERAL ASSEMBLY IN 2008?

(Continued from page 1)

ades, we propose the following minimum requirements:

A site near an international airport, with meeting space and housing for at least 150-200 conference participants.

A group of members and/or friends of the Academy to serve as a local organizing/hosting committee.

An ability to raise at least \$100,000 US to support the costs of the meeting. In 2005, the Academy covered all meals, meet-

ing rooms, and miscellaneous expenses (such as audio-visual support) as well as travel and sleeping room assistance for those who required it. This came from funds donated by local organizations in Croatia, by contributions from Academy fellows and other benefactors, and from Academy funds.

We will consider all proposals, with preference given to countries other than those (Croatia, Canada, the United States) that have hosted General Assemblies since 1990.

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PETER SHAPIRO / 1933-2004

Peter Shapiro's professional career began in 1953 when he presented sculptures of Leo Tolstoy and Beethoven at two state art exhibitions in the former Soviet Union. At that time, a Soviet sculptor could not avoid a Lenin theme, and Shapiro's marble sculpture of Lenin was displayed at the Vnukovo-2 Airport in Moscow.

Shapiro sculpted busts of politicians, scientists, artists, and other prominent figures of the former Soviet Union and the countries of the Eastern Bloc, including chess Grandmaster Anatoly Karpov and composer Dmitri Shostakovich. Shapiro came to the United States in 1994 and maintained a studio in the Washington,

D.C. area, where he completed figures of singer Plácido Domingo, former U.S. Vice President Al Gore, and past president of the World Academy of Art and Science, Harlan Cleveland, among many others.

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NEWS OF FELLOWS

Jasjit Singh was a 2006 recipient of the Padma Bhushan, a decoration established in 1954 by the president of India and given for distinguished service of high order in any field. Air Commodore (Ret) Singh is a former director of operations of the Indian Air Force and former director of the Institute for Defence Studies and Analyses (IDSA). He has published extensively and is the author and editor of more than two dozen books on strategic and security issues of South Asia. He is currently active in the Academy's program on nuclear disarmament.

James Hughes is chair and principal organizer of a conference on "Human Enhancement Technologies and Human Rights," which will take place May 26-28 at the Stanford University Law School. The conference will "seek to

begin a conversation with the human rights community, bioethicists, legal scholars, and political activists about the relationship of enhancement technologies to human rights, cognitive liberty and bodily autonomy." Contact: director@ieet.org.

Calestous Juma was the featured speaker at this year's John Pesek Colloquium on Sustainable Agriculture, held annually at Iowa State University. Dr. Juma, who is professor of the practice of development and director of the Science, Technology and Globalization Project at Harvard University, spoke on "Reinventing African Economies: Technological Innovation and the Sustainability Transition."

Steven Walther has been appointed as a Democratic member of the U. S. Government's Federal Elections Commission, the six-member body responsi-

ble for administering and enforcing the Federal Election Campaign Act which regulates the financing of campaigns for President, Senate, and House of Representatives. By law no more than three commissioners can be members of one political party. Mr. Walther, a founding partner of the Nevada law firm of Walther, Key, Maupin, Cox and LeGoy, has been actively involved in the creation of the American Bar Association's Center for Human Rights, and the development of its Central European and Eurasian Law Initiative (CEELI).

Jack Trevors of the Department of Environmental Biology at the University of Guelph has been elected a Fellow of the World Innovation Foundation.

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NEW WORLD ACADEMY WEBSITE

The Academy's web site is now being rebuilt, and the new format should be in service by late April or early May. It will have many features designed to make it more informative for visitors, and interactive for Academy members. Among them:

- Fellows will be able to enter the directory to update their own contact information and to print a copy of the directory.
- Fellows will be able to obtain a World Academy email account free of charge.
- Forums will be generated, providing Fellows with the opportunity to participate in ongoing discussions and project planning.

It will be possible to make contributions to the Academy through the web site.

We hope that these and other features now under development will serve to make Academy membership a more active, participative and democratic experience.

NEW BOOK / FRANCIS FUKUYAMA

America at the Crossroads: Democracy, Power, and the Neoconservative Legacy. Yale University Press, 2006

Francis Fukuyama, best known for his widely-read 1992 book *The End of History and the Last Man*, has recently published a critique of the post-9/11 actions of the George W. Bush administration and the particular variety of the “neoconservative” philosophy that those actions expressed: “concepts like preemption, regime change, unilateralism, and benevolent hegemony.” His conclu-

sion: “rather than attempting the feckless task of reclaiming the meaning of the (neoconservative) term, it seems to me better to abandon the label and articulate an altogether distinct foreign policy position.” He calls this new orientation “realistic Wilsonianism,” a way of relating to the world that would invoke – in a new century and with a different point of view – some of the values of Woodrow Wilson, the early 20th-century president who sought to lead America into a new global order. Some excerpts from the book:

Realistic Wilsonianism . . . takes international institutions seriously. We do not want to replace national sovereignty with unaccountable international organizations; the United Nations is not now nor will it ever become an effective, legitimate seat of global governance. On the other hand, we do not now have an adequate set of horizontal mechanisms of accountability between the vertical stovepipes we label states—adequate, that is, to match the intense eco-

nomic and social interpenetration that we characterize today as globalization....

This book suggests a different way for America to relate to the world.... It attempts to define a more realistic way for the United States to promote political and economic development other than through preemptive war, and opens up an agenda of multiple multilateralisms appropriate to the real, existing world of globalization.

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MORE PHOTOS FROM ZAGREB



Aruna Raghavan, John Cox



WAAS Board of Trustees



Zbigniew Bochniarz



Garry Jacobs, Paolo Cotta-Ramusino, Harlan Cleveland, Jasit Singh



Ivo Slaus, Walt Anderson



Kathi Walther Bouma, Jasit Singh

MORE PHOTOS FROM ZAGREB



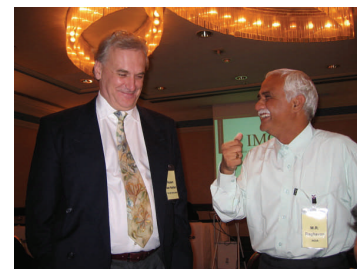
John Petersen, Sergey Kapitzka,
Richard Benedick, Nejbosa
Radunovic



Paolo Cotta-Ramusino, Jasit Singh



Mircea Malitza



Robert van Harten, M.R. Raghavan



Pushpa Bhargava, Sam Makinda, Bohdan Hawrylyshyn, Hiroyuki
Yoshikawa



Harlan Cleveland



Winston Nagan

NEW FELLOWS ELECTED FOURTH QUARTER 2005

Brian Murphy

President, De Anza College; former executive director, San Francisco Urban Institute, San Francisco State University.

Greta Pifat-Mrzljak

Professor of molecular biology, University of Zagreb; professor of medicine, University of Maribor, Slovenia; former vice minister of science, Republic of Croatia.

Miroslav Radman

Director, research unit on medical and evolutionary genetics, Institute Jacques Monod, Paris; former special science adviser to the prime minister of Croatia.

Jean-Francois Rischard

Economist; author; attorney; former vice-president for Europe, the World Bank.

Thomas Rosswall

Executive director, International Council for Science (ICSU); former rector, Swedish University of Agricultural Sciences.

José Sarukhán

Coordinator, Mexican National Committee on the Study and Conservation of Biodiversity (CONABIO); commissioner for human development, Mexico.

Mladen Staničić

Professor of political science, University of Zagreb; director, Institute of International Relations.

Ana Stavljenić-Rukavina

Professor of medical biochemistry, School of Medicine, University of Zagreb; former minister of health, Republic of Croatia.

Slobodan Vukičević

Professor, School of Medicine, University of Zagreb.

Kathi Walther Bouma

Development and governance consultant, South Africa.

Eric Weislogel

Director, Local Societies Initiative, Metanexus Institute on Religion and Science, Philadelphia, PA.

Wolde-Ab Yisak (Isaac)

President, University of Asmara, Eritrea.

Zhelyu Zhelyev

Former president of Bulgaria; founding president, Balkan Political Club.

**MICHAEL FELDMAN
1926-2005**

A Research Workshop of the Israel Science Foundation, "Cancer, Metastasis, AIDS, and Immunotherapy," was held in memory of Prof. Feldman's service to the Weizmann Institute and the Hebrew University of Jerusalem.

**NEW ASSOCIATE
FELLOW APPOINTED
FALL 2005****Matko Bolanča, M. D.**

President of Management Board, PLIVA CROATIA Ltd., Zagreb.

Zagreb photographs provided by
John Cox, Asim Kurjak, Nejbosa
Radunovic.