

Science and Technology in Society *forum*
Third Annual Meeting

Science and Technology in Society *forum*:
“Lights and Shadows”

PROGRAM

FINAL

September 10-12, 2006, Kyoto
Kyoto International Conference Hall (KICH)

September 9, 2006, Saturday

10:00-18:00 **Registration**

[Venue: **Takaragaike Prince Hotel, Lobby Level**]

September 10, 2006, Sunday

08:00 – 19:30 **Registration**

[Venue: **Kyoto International Conference Hall(KICH)**]

Registration will begin from 8:00 A.M. However, please be aware that for security reasons, passing through the security checkpoint and proceeding past the registration area, located at the entrance of KICH, will not be possible until 11:30 A.M.

11:30 **Opening of the gates of the Kyoto International Conference Hall.**

12:00 – 13:00 **Briefing with light meal buffet**

[Venue: **Sakura Room**]

- **Tsukamoto**, Hiroshi, President, Japan External Trade Organization (JETRO), JP [Welcome remarks]
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13:30 – 14:30 **100 Opening Plenary Session**

[Venue: **Main Hall**]

The STS *forum* is opening its Third Annual Meeting, and its First General Assembly since its establishment as a Non-Profit Organization earlier this year.

How can we ensure that our wisdom is efficiently used so that science and technology is optimally deployed for the benefit of humankind while guarding against the worst risks?

- **Omi**, Koji, Member, House of Representatives, JP (**Session Chair**)
 - **Abe**, Shinzo, Chief Cabinet Secretary, Cabinet Office, Government of Japan, JP
 - **Aho**, Esko, President, Finnish National Fund for Research and Development (SITRA), FI
 - **Helal**, Hany M., Minister of Higher Education and Scientific Research, EG
 - **Marburger, III**, John H., Science Advisor to the President and Director, Office of Science and Technology Policy, US
 - **McKinnell, Jr.**, Henry A., Chairman, Business Roundtable and Chairman of the Board, Pfizer Inc, US
 - **Mitarai**, Fujio, Chairman, Nippon Keidanren (Japan Business Federation) and Chairman and Chief Executive Officer, Canon Inc., JP
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14:30 – 15:45 **101 Plenary Session: “Sustainability and the Economy”**

[Venue: **Main Hall**]

How can we pursue the double goal of achieving global sustainability while ensuring fast economic growth and prosperity to wider areas and more countries? How can science and technology progress contribute to achieving this dual objective in a tangible way? What good news to this effect can we expect for the foreseeable future?

- **Komiyama**, Hiroshi, President, University of Tokyo, JP (**Session Chair**)
- **Al-Shatti**, Ismael K., State Minister for Cabinet Affairs and Deputy Prime Minister, KW
- **Cho**, Fujio, Chairman, Toyota Motor Corporation and Vice Chairman, Nippon Keidanren (Japan Business Federation), JP
- **Moratti**, Letizia, Mayor, City of Milan, IT
- **Rahman**, Atta-ur, Federal Minister/Chairman of the Higher Education Commission and Advisor to the Prime Minister on Science and Technology, PK
- **Rowland**, F. Sherwood, Donald Bren Research Professor of Chemistry and Earth System Science, School of Physical Sciences, University of California, Irvine, US

15:45 – 16:30 Coffee Break

16:30 - 18:30 First Series of Concurrent Sessions

102-A1 “Environment and Economic Growth -- Post Kyoto Protocol” [Venue: **Room A**]

While international measures to control greenhouse emissions have been adopted under the Kyoto Protocol, the protocol is not fully effective partly because some major countries have not yet signed and partly because some of those that have signed seem unlikely to meet their targets. In order to prepare the ground for a new international agreement that can be acceptable to all, the STS *forum* provides a framework for discussions leading to a new consensus.

Chaired by: **Oxburgh of Liverpool**, Ronald, Member, The House of Lords, UK

Speakers:

- **Poncelet**, Jean-Pol, Special Advisor to the Chairman of the Executive Board, Areva Group, BE
- **Reilly**, William K., Board Member, DuPont (E.I. du Pont de Nemours & Company), US
- **Tanaka**, Nobuo, Director, Science, Technology and Industry Department, Organization for Economic Co-operation and Development (OECD), JP
- **Zhou**, Dadi, Director General, Energy Research Institute, National Development and Reform Commission, CN

102-B1 “Lights and Shadows related to the Applications of Individual Genomic Information”

Too much or too little information? Whole genome versus SNPs, information and time - What do we want to know, when and what shall we use it for?

[Venue: **Room B-1**]

Today, progress in the development of genome sequencing allows us to sequence a patient’s entire genome as a step in a medical investigation. This might be a new opportunity for tailor-made medicine, criminal investigations or when potential security leaks can cause severe troubles for the patient. The focus of future technologies on speed, accuracy or quantity, will have great implications for the individual, and what the information can be used for. This session will explore the impact of different technologies, for example whole–genome versus specific loci focus, in commercialization and research and what ethical aspects will arise from the use of an individual’s genetic information. The balance will be between the right to remain uninformed and the benefits of tailor-made treatment, between the shadow of doubt and the harsh light of truth.

Chaired by: **Liu**, Edison T., Executive Director, Genome Institute of Singapore (GIS), US

Speakers:

- **Bartl**, Knut, Head of Research and Development, Roche Applied Science, DE

- **Hayashizaki**, Yoshihide, Project Director and Chief Scientist, Genome Exploration Research Group, Genomic Sciences Center, RIKEN, JP
- **Lombardi**, Steven, Vice President, Helicos BioSciences Corporation, US
- **March**, Ruth, Senior Principal Scientist, R&D Genetics, AstraZeneca, UK
- **Primorac**, Dragan, Minister of Science, Education and Sport, HR
- **Roses**, Allen D., Senior Vice President, Pharmacogenetics, GlaxoSmithKline, US

102-C1 “Impact of New ICT Developments on Society”

[Venue: **Room C-1**]

This session gathers many visionaries who will share with us their view on how ICT will impact society in the future. What are the new developments expected in the IT and Communications areas? What are the changes expected in terms of businesses, industries and services deriving from these new developments? What are the implications for society? What are the foreseeable problems and what solutions can be thought of?

Chaired by: **Thajchayapong**, Pairash, Senior Advisor, National Science and Technology Development Agency (NSTDA), TH

Speakers:

- **Cerf**, Vinton G., Vice President and Chief Internet Evangelist, Google Inc., US
- **Dvivedi**, Dhananjaya, Advisor to the President for IT, Shinsei Bank, Ltd., IN
- **Hara**, George, Group Chairman and Chief Executive Officer, DEFTA Partners, JP
- **Liu**, Leonard, Chairman and Chief Executive Officer, Augmentum, Inc., US
- **Tiemann**, Michael, Vice President, Open Source Affairs, Red Hat Inc., and President, Open Source Initiatives (OSI), US

102-D1 “Science Literacy for All”

[Venue: **Room D**]

Both in developed and developing countries, an enhanced science literacy at all levels of education and all components of society should largely benefit quality of life of humankind, including health consciousness, better prospects of economic growth, and in the long run, further advancement of science by attracting good talents into scientific areas.

Chaired by: **Mohri**, Mamoru, Executive Director, Astronaut, National Museum of Emerging Science and Innovation, JP

Speakers:

- **Darling**, Martha, Consultant, National Academy of Sciences, US
- **Kao**, Kim Houn, President and Founder, University of Cambodia, KH
- **Léna**, Pierre J., Member, Academy of Sciences of France, FR
- **Norrby**, Erling C.J., Professor of Virology, Center for History of Science, Royal Swedish Academy of Sciences (RSAS), SE
- **Vitarana**, Tissa, Minister of Science and Technology, LK
- **Zakri**, A. H., Director, United Nations University Institute of Advanced Studies (UNU-IAS), MY

102-E1 “New Developments in Nanotechnology”

[Venue: **Room B-2**]

Nanotechnology opens new frontiers in the bio area as well as many others. These new opportunities include new therapies, new business domains, but they can also bring fear and non-acceptance from society. What are the forefront developments in this new area?

Chaired by: **West**, Geoffrey B., President and Distinguished Professor, Santa Fe Institute, US

Speakers:

- **Declerck**, Gilbert, President and Chief Executive Officer, Interuniversity MicroElectronics Center (IMEC), BE
- **Ryan**, John, Director, Bionanotechnology Interdisciplinary Research Centre, University of Oxford, UK
- **Tanaka**, Kazunobu, Principal Fellow, Center for R&D Strategy, Japan Science and Technology Agency, JP
- **Tanthapanichakoon**, Wiwut, Director, National Nanotechnology Center (NANOTEC), TH
- **Von Ehr II**, James R., Founder, Chairman and Chief Executive Officer, Zyvex, US

102-F1 “Engaging Policy Makers in Scientific and Technological Issues” [Venue: **Room C-2**]

What are the recent trends and thinking in science and technology policies around the world?
How can policy makers and other stakeholders work together to boost the advancement of science, technology, and innovation? How would all this fit into national strategies to improve the economy and the quality of life?

Chaired by: **Goldin**, Daniel S., Chairman, President and Chief Executive Officer, The Intellis Group, US

Speakers:

- **Emmott**, Stephen, Director, European Science Initiative, Microsoft Research, UK
- **Harbour**, Malcolm, Member, European Parliament for the West Midlands, UK
- **Nobel**, Michael, Chairman, Nobel Family Society, SE
- **Richter**, Burton, Director Emeritus, Stanford Linear Accelerator Center (SLAC), Stanford University, US
- **Zich**, Rodolfo, President, Fondazione Torino Wireless, IT

18:30 – 19:30 **Cocktails** [Venue: **Event Hall**]

19:30 - 21:00 **104** **Official Dinner: “Lights and Shadows of Science and Technology”**
[Venue: **Event Hall**]

Welcome address by: **Matsuda**, Iwao, Minister of State for Science and Technology Policy, Minister of State for Food Safety, Minister of State for Information Technology, JP

Chaired by: **Kurokawa**, Kiyoshi, President, Science Council of Japan (SCJ), JP

Speakers:

- **Barbour**, Haley, Governor, State of Mississippi, US
- **Rees**, Martin, President, The Royal Society, UK

September 11, 2006, Monday

07:15 - 18:00: **Registration**

[Venue: **Kyoto International Conference Hall**]

08:30– 09:30 **200** **Plenary Session: “Dialogue between Political Leaders and Scientists”**

[Venue: **Main Hall**]

Political leaders typically tend to avoid difficult science and technology questions, to leave them to specialists. But unless they start thinking about science and technology as their own problems, there will not be any fruitful dialogue and collaborative effort between political leaders and the scientific community.

Chaired by: **Yeo**, Philip, Chairman, A*STAR (Agency for Science, Technology and Research), SG

Speakers:

- **Kumar**, Ashok, Chair, Parliamentary Office of Science and Technology, Houses of Parliament, UK
 - **Rattanapian**, Pravich, Minister of Science and Technology, TH
 - **Schaal**, Barbara, Vice President, National Academy of Sciences, US
 - **Shiozaki**, Yasuhisa, Senior Vice Minister for Foreign Affairs, JP
 - **Varmus**, Harold E., President and Chief Executive Officer, Memorial Sloan-Kettering Cancer Center in New York, US
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09:30 – 10:00 **Coffee Break**

10:00-12:00 **Second Series of Concurrent Sessions**

201-A2 **“Energy Paths”**

[Venue: **Room A**]

The various responses to increasing worldwide energy needs coupled with the growing preoccupation to curb greenhouse gases and other polluting elements are to be urgently discussed. No single solution can be expected to hold immediate results, but this is exactly why they must be implemented as soon as possible, and from all fronts.

Chaired by: **Campbell**, Donald W., Group President, CAE Incorporated, CA

Speakers:

- **Botha**, Hannes, Group General Manager, SASOL South Africa, ZA
 - **Chung**, KunMo, President, The Korean Academy of Science and Technology (KAST), KR
 - **De Carvalho**, Eduardo P., President, Sao Paulo Sugarcane Agroindustry Union (UNICA), BR
 - **Dixon**, Robert K., Head, Energy Technology Policy Division, International Energy Agency (IEA), US
 - **Meggs**, Tony, Group Vice President, Technology, BP p.l.c., UK
 - **Naitoh**, Masahisa, Chairman and Chief Executive Officer, The Institute of Energy Economics, JP
 - **Salje**, Ekhard K.H., President, Clare Hall, University of Cambridge, UK
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201-B2 “Enhancing Food Security by Science”

[Venue: Room B-1]

How can safe food be efficiently provided to all people around the world? What are the contributions of science and technology towards this goal? How to address the inevitable controversy around GMOs?

Chaired by: El-Beltagy, Adel E.T., Chair, Global Forum on Agricultural Research (GFAR), EG

Speakers:

- **Bhumiratana**, Sakarindr, President, National Science and Technology Development Agency (NSTDA), TH
- **Daar**, Abdallah S., Professor of Public Health Sciences and of Surgery, University of Toronto, CA
- **Horsch**, Robert, Vice President, International Development Partnerships, Monsanto Company, US
- **Legocki**, Andrzej, President, Polish Academy of Sciences, PL
- **Lewanika**, Mwananyanda M., Executive Director, National Institute for Scientific and Industrial Research, ZM
- **Mundree**, Sagadevan G., Chief Executive Officer and Member of the Board of Trustees, PlantBio Trust, ZA
- **Patell**, Viloo M., Vice-Chairperson, Founder and Chief Executive Officer, Avestha Gengraine Technologies Pvt. Limited (Avesthagen), IN
- **Wandira-Kazibwe**, Speciosa, Former Vice President of the Republic of Uganda, UG

201-C2 “Benefits and Risks of Open Networks”

[Venue: Room C-1]

How to ensure enhanced protection of networks and their content against ill-meaning intrusions? How to ensure privacy while more and more private information on individuals travels around the world through the networks?

Chaired by: Anderson, Ross, Professor of Security Engineering, Computer Laboratory, University of Cambridge, UK

Speakers:

- **Coleman III**, William T., Founder, Chairman and Chief Executive Officer, Cassatt Corporation, US
- **Ito**, Joichi, President and Chief Executive Officer, Neoteny Co., Ltd., JP
- **Kitano**, Hiroaki, Director, Sony Computer Science Laboratories, Inc., JP
- **Koanantakool**, Thaweesak, Director, National Electronics and Computer Technology Center (NECTEC), TH
- **Liu**, Peng, Chairman, Penrod International, Inc., CN
- **Popescu-Zeletin**, Radu, Director, Fraunhofer Institute for Open Communication Systems, FOKUS, RO
- **Pritlove**, Tim, Member, Chaos Computer Club e.V., DE

201-D2 “The Role of Universities in the 21st Century”

[Venue: Room D]

What are the new challenges faced by universities around the world in the new century? What are their roles in research? Education? As opinion leading institutions? What are the new management requirements for universities to be viable?

Chaired by: Shirai, Katsuhiko, President, Waseda University, JP

Speakers:

- **Chang**, Chun-Yen, President, National Chiao Tung University, Chinese Taipei
- **Kiranandana**, Suchada, President, Chulalongkorn University, TH
- **Miller**, William F., Herbert Hoover Professor, Public and Private Management, Stanford University Graduate School of Business, US
- **Otieno Malo**, Joseph, President, Kenya National Academy of Sciences (KNAS), KE
- **Parker**, Richard J., Director, Research and Technology, Rolls-Royce plc., UK
- **Peccei**, Roberto D., Vice Chancellor, Research Department, University of California, Los Angeles, US

- **Sironi**, Gianpiero, Vice-Rector, Research Department, University of Milan, IT

Rapporteurs:

- **Durongkaverroj**, Pichet, Director, Graduate School of Management & Innovation, King Mongkut's University of Technology, Thonburi (KMUTT), TH
- **Keidel**, Hannemor, Vice President, International Affairs, Technical University of Munich (TUM), DE

201-E2 "Intellectual Property Rights that Work for All"

[Venue: **Room B-2**]

What is the appropriate intellectual property rights (IPR) framework that will be beneficial for all mankind while promoting science and technology? Active use of patent information in R& D and the creation of a global patent system are of great importance in this regard. Also, the ways to eliminate the negative effects of IPR protection are to be considered. These issues should be addressed from a broad perspective without being constrained by conventional thinking.

Chaired by: **Straus**, Joseph, Director, Max Planck Institute for Intellectual Property, Competition and Tax Law, DE

Speakers:

- **Adly**, Noha, Director, Information and Communication Technology (ICT), International School of Information Science (ISIS), Library of Alexandria, EG
- **Arai**, Hisamitsu, Secretary General, Intellectual Property Strategy Headquarters, The Cabinet Secretariat, JP
- **Fayyad**, Usama, Chief Data Officer and Senior Vice President, Strategic Data Solutions Department, Yahoo! Incorporated, US
- **Haour**, Georges, Professor of Technology and Innovation Management, IMD, CH
- **Johnson**, Ray O., Vice President and Chief Technology Officer, Lockheed Martin Corporation, US
- **Ledoux**, Marc J., Chairman of the Directorat of Industrial Policy, National Center for Scientific Research (CNRS), FR
- **Lee**, Yoon-Woo, Vice Chairman and Chief Executive Officer, Samsung Electronics Co., Limited, KR

Rapporteur:

- **Bienenstock**, Arthur L., Vice Provost and Dean of Research and Graduate Policy, Stanford University, US

201-F2 "Utilizing All of our Talents: Women in Science"

[Venue: **Room C-2**]

How do we ensure that all aspiring talents see equal opportunities in the world of science and innovation? How can diversity of actors benefit the scientific world?

Chaired by: **Inoguchi**, Kuniko, Minister of State for Gender Equality and Social Affairs, JP

Speakers:

- **Enssani**, Elahe, Professor and former Chair of Civil Engineering, San Francisco State University, US
- **Komarek**, Kurt L., Chairman, Austrian Academy of Sciences, AT
- **Nair**, Sudha, Program Director, JRD Ecotechnology Center, M.S. Swaminathan Research Foundation, IN
- **Rubinstein**, Joanna, Chief of Staff to Prof. Jeffrey D. Sachs; Director, Strategic Programs, Earth Institute, Columbia University, US
- **Samarasekera**, Indira, President, University of Alberta, CA
- **Samayoa**, María del Carmen, President, National Academy of Science of Guatemala, GT
- **Shuler**, Sally G., Executive Director, National Science Resources Center (NSRC), US

12:00 – 13:45 **202** Working lunch: “Cooperation Between Academia and Business”

[Venue: **Event Hall**]

Chaired by: Krieger, Eduardo M., President, Brazilian Academy of Sciences, BR

Speakers:

- **Castell**, William M., Chairman, The Wellcome Trust, UK
 - **Russell**, Alan J., Director, McGowan Institute for Regenerative Medicine, University of Pittsburgh, US
 - **Sasaki**, Hajime, Chairman of the Board, NEC Corporation, JP
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14:00 – 16:00 **Third Series of Concurrent Sessions**

203-A3 “Protecting the Environment vs. Economic Development: Including Water for a Growing Population” [Venue: **Room A**]

This session will discuss critical ecosystems to be protected, preserved or restored globally; issues to be covered include: biodiversity, deforestation, desertification, recycling, waste disposal and remediation of contaminated sites. There will be a special focus on safe water, as ensuring clean water for the world’s growing population will become a significant priority for humankind in this century. How can new technologies contribute to the solution of this problem? What policies are needed to implement such technologies successfully? Where will financing come from?

Chaired by: Colwell, Rita R., Distinguished University Professor, University of Maryland and Johns Hopkins University, US

Speakers:

- **Gagosian**, Robert B., President and Director, Woods Hole Oceanographic Institution (WHOI), US
- **Huang**, Haifeng, Professor, Institute of Recycling Economy, Beijing University of Technology, CN
- **McNeely**, Jeffrey A., Chief Scientist, IUCN - The World Conservation Union, US
- **Myers**, Norman, Honorary Visiting Fellow, Green College, University of Oxford, UK
- **Szöllösi-Nagy**, András, Deputy Assistant Director-General, Natural Sciences Sector, UNESCO, HU
- **Wallace**, Terry C., Principal Associate Director for Science, Technology and Engineering, Los Alamos National Laboratory, US
- **Yamanaka**, Akiko, Vice-Minister for Foreign Affairs, JP

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203-B3 “Development of New Medicines, New Vaccines and New Therapies” [Venue: **Room B-1**]

What are the news about medicines, vaccines and therapies in our fight against diseases, both infectious and other?

Chaired by: Corr, Peter B., Senior Vice President for Science and Technology, Pfizer Inc, US

Speakers:

- **Akimoto**, Hiroshi, Managing Director, Member of the Board, Takeda Pharmaceutical Company Limited, JP
- **Chen**, Zhu, Vice President, Chinese Academy of Sciences (CAS), CN
- **Dompé**, Sergio, President, Farindustria, IT
- **Ganguly**, Nirmal K., Director-General, Indian Council of Medical Research, New Delhi, IN
- **Minger**, Stephen L., Director, Stem Cell Biology Laboratory, Wolfson Centre for Age-Related Diseases,

King's College London, UK

- **Moon**, Chulso, Assistant Professor of Otolaryngology, Head and Neck Surgery and Oncology Department, Johns Hopkins, KR

Rapporteur:

- **Chandra**, Ramesh, Founder Director, Dr. B.R. Ambedkar Centre For Biomedical Research (ACBR), University of Delhi, IN

203-C3 “Open Access to Information”

[Venue: **Room C-1**]

Open access to the scientific literature through the Internet and public digital libraries is a desirable goal: it can enhance scientific progress, broaden the impact of scientific information and reduce the overall costs of publication and distribution. However, there are also significant costs to be met in producing scientific journals, many publishers are wary of the loss of subscription revenues and scientists are often reluctant to institute changes in the publishing methods on which their careers are so dependent.

Chaired by: **Varmus**, Harold E., President and Chief Executive Officer, Memorial Sloan-Kettering Cancer Center in New York, US

Speakers:

- **Blume**, Martin, Editor-in-Chief, American Physical Society (APS), US
- **Chi**, Youngsuk, Vice Chairman, Elsevier B.V., US
- **Omi**, Asako, Professor, Research Institute of Science and Technology, Tokai University, JP
- **Tavakol Kosari**, Seyed Mohamad, Secretary General, Iranian National Commission for UNESCO, IR
- **Walport**, Mark, Director, The Wellcome Trust, UK

203-D3 “Science and Technology for/in Developing Countries”

[Venue: **Room D**]

How can capacity building in science and technology contribute long-term solutions to stability and prosperity in developing countries? What has experience taught us about types of programs and best practices that are most effective in building S&T capacity in developing countries?

Chaired by: **Atkinson**, George H., Science and Technology Advisor to the Secretary of State, U.S. Department of State, US

Speakers:

- **Brito**, Lidia, Assistant Professor, Department of Forestry, Eduardo Mondlane University, MZ
- **Hassan**, Mohamed Hag Ali, Executive Director, The Academy of Sciences for the Developing World (TWAS), SD
- **Saeed**, Abdelrahman, Minister of Science and Technology, SD
- **Shuttleworth**, Mark, Founder, Ubuntu Foundation, ZA
- **Sibisi**, Sibusiso, President and Chief Executive Officer, Council for Scientific and Industrial Research (CSIR), ZA
- **Velarde**, Rene del Monte, Congressman, Committee on Science and Technology, Congress of the Republic of the Philippines, House of Representatives, PH

Rapporteur:

- **Myint**, U. Than, President, Myanmar Engineering Society, MM

203-E3 “Establishing International Collaboration in Science and Technology”

[Venue: **Room B-2**]

How can we improve international collaboration schemes on “big science” subjects that one single country

cannot deal with alone, such as ITER, space, and pandemics of infectious diseases?

Chaired by: **Cleave**, Mary L., Associate Administrator for the Science Mission Directorate, National Aeronautics and Space Administration (NASA), US

Speakers:

- **Córdova**, France A., Chancellor, University of California, Riverside, US
- **Hentschel**, Christopher, President and Chief Executive Officer, Medicines for Malaria Venture (MMV), UK
- **Ikeda**, Kaname, Director General Nominee of the ITER Organization, ITER International Team, JP
- **Kennel**, Charles F., Director, Scripps Institution of Oceanography, University of California, San Diego; Former Associate Administrator at Mission to Planet Earth, NASA, US
- **Kosaka**, Kenji, Minister of Education, Culture, Sports, Science and Technology (MEXT), JP
- **Krieger**, Robert J., Chief Technology Officer, The Boeing Company; President, Boeing Phantom Works, US
- **Yaari**, Menahem E., President, Israel Academy of Sciences and Humanities, IL

203-F3 “Media and Science and Technology”

[Venue: **Room C-2**]

The media play a crucial role in educating and informing people on the development of science and technology. They also play a leading role in shaping public opinion on public acceptance of science, and forming values. What do they have to say about science and technology?

Chaired by: **Waldvogel**, Francis A., Director of the Executive Board, World Knowledge Dialogue Foundation, CH

Speakers:

- **Goh**, Eng Lim, Senior Vice President and Chief Technology Officer, Silicon Graphics, Incorporated, US
- **Kozhokin**, Mikhail M., Deputy Chief Executive Officer, Vneshtorgbank 24, RU
- **Mallet**, Victor, Columnist and Asia Editor, Financial Times Group, UK
- **Pooley**, Eric, Managing Editor, Fortune Magazine, US
- **Rubinstein**, Ellis, President and Chief Executive Officer, New York Academy of Sciences, US

Rapporteur:

- **Gannes**, Stuart H., Director of Digital Vision Program, Center for the Study of Language and Information, Stanford University, US

16:00 – 16:30 **Coffee Break**

16:30 – 17:30 **204** Plenary Session: “Emerging Infectious Diseases Requiring Global Solutions”

[Venue: **Main Hall**]

In view of the serious threat caused by new pandemics such as SARS and the avian flu, the STS *forum* has introduced this major plenary session in order to establish a basis for worldwide cooperation to fight against this new global health challenge.

Chaired by: **McKinnell, Jr.**, Henry A., Chairman, Business Roundtable and Chairman of the Board, Pfizer Inc, US

Speakers:

- **Atlas**, Ronald M., Dean, The Graduate School, University of Louisville, US
 - **Lvov**, Dmitry K., Director, The D.I. Ivanovsky Institute of Virology, Russian Academy of Medical Sciences, RU
 - **Meyers**, L. R., Lead Operations Officer, The World Bank, US
 - **Omi**, Shigeru, Regional Director for Western Pacific, World Health Organization (WHO), JP
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17:30 – Transfer by bus to Ninnaji Temple (about 30 minutes)

18:00 – 20:00 **205 Special Buffet Dinner: “Experience Kyoto”**

Hosted by the Kyoto Support Committee for the STS *forum*

Welcome Speeches:

- **Yamada**, Keiji, Governor, Kyoto Prefecture, JP
- **Masumoto**, Yorikane, Mayor, City of Kyoto, JP
- **Murata**, Junichi, Chairman, The Kyoto Chamber of Commerce and Industry, JP

Special Entertainment

19:00 – 22:00 **Transfer by bus from Ninnaji Temple to major Hotels**

September 12, 2006, Tuesday

07:15 - 13:00: Registration

[Venue: **Kyoto International Conference Hall**]

08:00– 09:45

300 Plenary Session: Summaries from Concurrent Sessions

[Venue: **Main Hall**]

Overall Theme Chairs will report the results of discussions from the concurrent sessions.

Chaired by: Lee, Yuan Tseh, President, Academia Sinica, Chinese Taipei

Theme Chairs:

[Track A] **Zehnder**, Alexander J.B., President of the Board, ETH -- Swiss Federal Institute of Technology, CH

[Track B] **Desmarescaux**, Philippe, Chairman, Scientific Foundation of Lyon, FR

[Track C] **Anzai**, Yuichiro, President, Keio University, JP

[Track D] **Serageldin**, Ismail, Director, Library of Alexandria, EG

[Track E] **Carty**, Arthur J., National Science Advisor to the Government of Canada, CA

[Track F] **Omenn**, Gilbert S., Chairman of the Board, American Association for the Advancement of Science (AAAS), US

09:45 – 10:15 Coffee Break

10:15 – 11:15

301 Plenary Session: “Science and Society”

[Venue: **Main Hall**]

Chaired by: Yoshikawa, Hiroyuki, President, National Institute of Advanced Industrial Science and Technology (AIST), JP

Speakers:

- **Furukawa**, Kazuo, President and Director, Hitachi, Ltd., JP
 - **Jarjis**, Jamaluddin bin Dato’ Mohd, Minister of Science, Technology and Innovation, MY
 - **Mangena**, Mosibudi, Minister of Science and Technology, ZA
 - **Richter**, Burton, Director Emeritus, Stanford Linear Accelerator Center (SLAC), Stanford University, US
 - **Seweryński**, Michał, Minister of Science and Higher Education, PL
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11:15 – 12:00 **302** Closing Plenary Session: “Paving the Way for the Future” [Venue: **Main Hall**]

Chaired by: Wallberg-Henriksson, Harriet, President, Karolinska Institutet, SE

Speakers:

- **Okamura**, Tadashi, Chairman of the Board, Toshiba Corporation and Vice Chairman, Nippon Keidanren (Japan Business Federation), JP
 - **Omi**, Koji, Member, House of Representatives, JP
 - **Platé**, Nikolay, Vice President, Russian Academy of Sciences, RU
 - **Zerhouni**, Elias A., Director, National Institutes of Health (NIH), US
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12:00 – 13:00 **Farewell Buffet Lunch**

[Venue: **Swan Room**]
