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*“Environmental protection and economic development are mutually achievable, and it is science and technology that has the power to realize these dual goals.”*



*Junichiro Koizumi  
Prime Minister, JP*



*David Sainsbury  
Parliamentary Under Secretary of Science and Innovation, UK*



*Hiroyuki Yoshikawa  
President, National Institute of Advanced Industrial Science and Technology, JP*

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*“We now know that every nation will require its own science and technology capacity to meet its own needs.”*



*Bruce Alberts  
President, National Academy of Sciences, US*

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*Henry A. McKinnell, Jr.  
Chairman of the Board and CEO, Pfizer Inc., US*

# forum



*Koji Omi  
Chairman, Steering Committee, STS forum, former Minister of State for Science and Technology Policy, JP*

*“As an outcome of the discussions, I should retain three major themes: First, global warming is an overarching issue facing humankind. We need to use science and technology in order to solve this issue. Second, many voiced the necessity for the developed countries to devote a larger part of their assistance to developing countries to enhance their science and technology capacity. Three, in today’s world, we are ever more convinced that science and technology should be used to enhance human security and safety.”*

## SECOND ANNUAL MEETING

September 11-13, 2005

Kyoto, Japan

## Science and Technology in Society *forum*: Lights and Shadows

### Fundamental Concept

The explosive progress of science and technology up to the 20<sup>th</sup> century brought prosperity and enriched the quality of life for much of mankind.

However, the advance of science and technology raises important ethical, safety and environmental issues: possible negative applications are threatening mankind's own future. Since progress in science and technology is expected to accelerate and will be necessary for sustainable human development in the 21<sup>st</sup> century, wisdom must be exercised to keep it under proper control.

In that sense, the most pressing problems we face today include harmonizing economic development with global warming; preventing terrorism; controlling infectious diseases; and assessing the potential health benefits and ethical factors relating to cloning technology. International efforts to address these problems are needed now more than ever. This is really what symbolizes the "lights and shadows of science and technology." Opportunities need to be taken, but the risks must also be controlled. Health, meeting energy needs, and many other aspects of human welfare are dependent on continued progress in science and technology.

At the same time, the benefits of science and technology are not reaching a major part of the world's people. The barriers to seizing the opportunities for using science and technology to solve the problems of humankind need to be discussed.

Because the problems we face today are

becoming increasingly complex against the backdrop of globalization and international competition, they are beyond the control of any single country.

These issues are also beyond the control of the scientific community alone, because many of the problems will find solutions through changes in social systems, international collaboration, global networks, and the building of common rules.

The time has come for not only scholars and researchers but also policy makers, business leaders and media leaders from all over the world to meet and discuss science and technology issues in the 21<sup>st</sup> century.

The Science and Technology in Society *forum* aims to provide a new mechanism for open discussions on an informal basis, and to build a human network that would, in time, resolve the new types of problems stemming from the application of science and technology. The Forum community will also explore the opportunities arising from science and technology, and address how to remove the barriers to using science and technology to solve the problems facing humankind.

Forum members are expected to participate, not as representatives of their country or organization, but as individuals expressing their own views. This forum is not necessarily a platform for specialists to unilaterally convey their knowledge, but rather an opportunity for real dialogue among peers. Participants should also undertake cross-border activities towards the establishment of shared values and commitment for the future.

# STS forum Council Members

In principle, council members will be attending the Second Annual Meeting as speakers. (Alphabetical order, as of June 20, 2005)

## ABRAHAM, Spencer

Former Secretary of Energy, Department of Energy, US

## AHO, Esko

President, Finnish National Fund for Research and Development (Sitra), FL

## ALBERTS, Bruce

President, National Academy of Sciences (NAS), US

## ARIMA, Akito

Chairman, Japan Science Foundation, JP

## BINGAMAN, Jeff

Ranking Member, Committee on Energy and Natural Resources, Senate, US

## BRENNER, Sydney

Distinguished Research Professor, The Salk Institute, UK

## BUSQUIN, Philippe

MEP, Chairman, Scientific and Technology Options Assessment (STOA), European Parliament, BE

## CAMPBELL, Donald W.

Group President, CAE Inc., CA

## CAMPOS, Eduardo

Minister of Science and Technology, BR

## DESMARESCAUX, Philippe

Chairman, Scientific Foundation of Lyon, BioVision, FR

## FRIEDMAN, Jerome I.

Professor, Massachusetts Institute of Technology (MIT), US

## FURSENKO, Andrey A.

Minister of Education and Science, RU

## GOLDIN, Daniel S.

Chairman, The Intellis Corporation, Former NASA Administrator, US

## GREGORIAN, Vartan

President, Carnegie Corporation of New York, US

## GROS, François

Honorary Permanent Secretary, Academy of Sciences, FR

## HAN, Seung-soo

President, The 56<sup>th</sup> Session of the United Nations General Assembly, KR

## HOSODA, Hiroyuki

Chief Cabinet Secretary (Former Minister of State for Science and Technology Policy), JP

## KING, David

Chief Scientific Advisor to the Government, UK

## KLEIBER, Charles

State Secretary for Education and Research, CH

## KRIEGER, Eduardo Moacyr

President, Brazilian Academy of Sciences, BR

## KUMAR, Ashwani

Member of Parliament, Senior Advocate, Supreme Court, IN

## KUROKAWA, Kiyoshi

President, Science Council of Japan, JP

## LEE, Yoon-woo

Vice Chairman, Samsung Electronics Co., Ltd., KR

## LU, Yongxiang

President, Chinese Academy of Sciences (CAS), CN

## LUBCHENCO, Jane

President, International Council for Science (ICSU), US

## MARBURGER, III, John H.

Science Advisor to the President,  
Director, Office of Science and Technology Policy (OSTP), US

## MASHELKAR, Raghunath A.

Director-General, Council of Scientific Industrial Research and President,  
Indian National Science Academy (INSA), IN

## MAY Robert

President, The Royal Society, UK

## McKINNELL, Jr., Henry A.

Chairman of the Board and CEO, Pfizer Inc., CA

## MEHTA, Goverdhan

President-Elect, International Council for Science (ICSU), IN

## MORATTI, Letizia

Minister of Education, Universities and Scientific Research, IT

## NISHIMURO, Taizo

Chairman of the Board, Toshiba Corp., JP

## OKIMURA, Kazuki

President, Japan Science and Technology Agency (JST), JP

## OKUDA, Hiroshi

Chairman, Nippon Keidanren (Japan Business Federation) and Chairman,  
Toyota Motor Corp., JP

## OMI, Koji

Member of the House of Representatives (Former Minister of State for  
Science and Technology Policy), JP

## ÖQUIST, Gunnar

Secretary-General, Royal Swedish Academy of Sciences, SE

## POTOČNIK, Janez

Commissioner for Science and Research, European Commission, SI

## ROWLAND, F. Sherwood,

Donald Bren Research Professor of Chemistry and Earth System Science,  
University of California, Irvine, US

## SAINSBURY David

Parliamentary Under Secretary of State for Science and Innovation, UK

## SALAMA, Amr Ezzat

Minister of Higher Education and Minister of State for Scientific Research, EG

## SERAGELDIN, Ismail

Director, Library of Alexandria, EG

## SHOYAMA, Etsuhiko

President, CEO and Director, Hitachi, Ltd., JP

## THAPPARANSI, Korn

Minister of Science and Technology, TH

## TONEGAWA, Susumu

Picower Professor of Biology and Neuroscience, Massachusetts Institute of  
Technology (MIT), JP

## VELIKHOV, Evgeny

President, Russian Research Center Kurchatov Institute, RU

## WALLBERG-HENRIKSSON, Harriet

President, Karolinska Institutet, SE

## WAMBUGU, Florence

CEO, Africa Harvest Biotech Foundation International (AHBFI), KE

## WATANABE, Osamu

Chairman and CEO, Japan External Trade Organization (JETRO), JP

## WESTON, John

Non-executive Chairman, Spirent plc., UK

## WIJKMAN, Anders

Member, European Parliament, SE

## XU, Guanhua

Minister of Science and Technology, CN

## YAKUSHIJI, Taizo

Member, Council for Science and Technology Policy, JP

## YEO, Philip

Chairman, A\*STAR, SG

## YOSHIKAWA, Hiroyuki

President, National Institute of Advanced Industrial Science and Technology (AIST), JP

## YOSHINO, Hiroyuki

Director and Advisor, Honda Motor Co., Ltd., JP

## ZEHNDER, Alexander J.B.

President, Swiss Federal Institutes of Technology (ETH Board), CH

## ZEWAIL, Ahmed H.

Professor, California Institute of Technology, EG-US

# Second Annual Meeting of the STS *forum*

## Science and Technology in Society: Lights and Shadows — For a Sustainable Future —

Venue: Kyoto International Conference Hall

The program is still under development (as of June 20, 2005) and is subject to change.

Invited speakers (not necessarily confirmed) are listed in alphabetical order and the session in which they appear is still provisional. Country codes represent the individuals' nationalities.

Sep. **11** 2005 (Sun.)

14:00 - 16:00

**100** Opening Plenary Session **101** Plenary Session

**Bruce Alberts** President, National Academy of Sciences, US  
**Arden L. Bement, Jr.** Director, National Science Foundation, US  
**Eduardo Campos** Minister of Science and Technology, BR  
**Steven Chu** Director, Lawrence Berkeley National Laboratory, US  
**Andrey A. Fursenko** Minister of Education and Science of the Russian Federation, RU  
**Junichiro Koizumi** Prime Minister, JP  
**Mosibudi Mangena** Minister of Science & Technology, ZA  
**John H. Marburger, III** Science Advisor to the President and Director, Office of Science and Technology Policy, US  
**Henry A. McKinnell, Jr.** Chairman of the Board and CEO, Pfizer Inc., CA  
**Hiroshi Okuda** Chairman, Nippon Keidanren (Japan Business Federation) and Chairman, Toyota Motor Corp., JP  
**Koji Omi** Member of the House of Representatives, Former Minister of State for Science and Technology Policy, JP  
**Janez Potočnik** Commissioner for Science and Research, EU, SI  
**David Sainsbury** Parliamentary Under Secretary for Science and Innovation, Dept. of Trade and Industry, UK  
**Thaksin Shinawatra** Prime Minister, TH  
**Guanhua Xu** Minister of Science and Technology, CN  
**Ahmed H. Zewail** Professor, California Institute of Technology, US

16:30 - 18:30

Concurrent Panels: "Setting the Tone"

**102A1** Sustainability - Energy and Environment

**Samuel W. Bodman** Secretary of Energy, Dept. of Energy, US  
**Nobuyori Kodaira** Director-General, Agency for Natural Resources and Energy, JP  
**Rajendra K. Pachauri** Director-General, The Energy and Resources Institute (TERI), IN  
**Sherwood F. Rowland** Donald Bren Research Professor of Chemistry and Earth System, Science Dept. of Chemistry, University of California, Irvine, US  
**Dadi Zhou** Director General, Energy Research Institute, National Development and Reform Commission, CN

**102B1** Life Sciences

**Hiroshi Akimoto** Managing Director, Takeda Pharmaceutical Co., Ltd., JP  
**Peter B. Corr** Senior Vice President, Science & Technology, Pfizer Inc., US  
**Hidehisa Otsuji** Minister of Health, Labour and Welfare, JP  
**Billy Tuzin** President, Pharmaceutical Research and Manufacturing of America (PhRMA), US  
**Robert T. Tjian** Professor of Molecular and Cell Biology, University of California, Berkeley, US  
**Florence M. Wambugu** CEO, A Harvest Biotech Foundation International (AHBF), KE

**102C1** IT's Impact on Human Society

**Lawrence J. Ellison** Chairman and CEO, Oracle Corp., US  
**Joichi Ito** President and CEO, Neoteny Co., Ltd., JP  
**Mike Lazaridis** Founder, President and Co-CEO, Research In Motion Ltd., CA  
**Charles Kleiber** State Secretary for Education and Research, CH  
**Masayoshi Son** President & CEO, Softbank Corp., JP  
**Linus Torvalds** Fellow, Open Source Development Labs (OSDL), FI  
**Jerry Yang** Co-founder, Chief Yahoo and Director, Yahoo! Inc., US

**102D1** Capacity Building: Conditions for Knowledge-based Society

**George H. Atkinson** Science and Technology Diplomacy Secretary of State, U.S. Dept. of State, US  
**Barbara Bludau** General Secretary, Max Planck Society, DE  
**Hiroshi Komiyama** President, University of Tokyo, JP  
**Nariaki Nakayama** Minister of Education, Culture, Sports, Science and Technology, JP  
**Martin Rees** Royal Society Professor, Kings College, Cambridge University, UK  
**Hans Wigzell** Scientific Advisor to the Government, SE  
**Ivan Wilhelm** Rector, Charles University in Prague, CZ

**102E1** Science and Technology for Human Security

**Esko Aho** President, Finnish National Fund for Research and Development (Sitra), FI  
**Hans-Olaf Henkel** President, Leibniz Association (WGL), DE  
**Philippe Kourilsky** President, The Pasteur Institute, FR  
**Raymond L. Orbach** Director, Office of Science, Dept. of Energy, US  
**Atta-ur-Rahman** Chairman, Higher Education Commission, PK  
**William Castell** President and CEO, GE Healthcare, UK

**102F1** New Frontiers Opened by Science and Technology

**Patrick Gelsinger** Senior Vice President, CTO, Intel Corp., US  
**James M. Jamieson** Senior Vice President, CTO, The Boeing Co., US  
**David Kirkpatrick** Senior Editor, Fortune Magazine, US

**Robert B. Laughlin** President, The Korea Advanced Institute of Science and Technology (KAIST), KR  
**Shoichi Nakagawa** Minister of Economy, Trade and Industry, JP  
**Richard Newton** Dean of the College of Engineering and the Roy W. Carlson Professor of Engineering, University of California, Berkeley, US  
**Mihail C. Roco** Senior Advisor, National Science Foundation, US  
**Jürgen R. Thumann** President, Federal Association of the German Industry (BDI), DE

18:30 - 21:30

103 Cocktails

104 Seated Dinner

Sep. 12<sup>2005</sup> (Mon.)

8:00 - 9:30

200 Plenary Session

**Ashwani Kumar** Member of Parliament, Senior Advocate, Supreme Court, IN  
**Anne Lauvergeon** Chairman of the Executive Board, Areva Group, FR  
**Yoon-woo Lee** Vice Chairman, Samsung Electronics Co., Ltd., KR  
**Yongxiang Lu** President, Chinese Academy of Sciences (CAS), CN  
**Bernard Meunier** Chairman, The French National Center for Scientific Research, FR  
**Goverdhan Mehta** President-Elect, International Council for Science (ICSU), IN  
**Amr Ezzat Salama** Minister of Higher Education and Minister of State for Scientific Research, EG  
**Yasufumi Tanahashi** Minister of State for Science and Technology Policy, JP  
**Susumu Tonegawa** Picower Professor of Biology and Neuroscience, Massachusetts Institute of Technology, JP  
**Philip Yeo** Chairman, A\*STAR, SG  
**Elias A. Zerhouni** Director, National Institute of Health, US

10:00 - 12:00

Concurrent Sessions

201A2 Sustainability - Energy and Environment: Global Warming and CO2 Emission Control

**Robert B. Gagosian** President and Director, Woods Hole Oceanographic Institution, US  
**Prodipto Ghosh** Secretary, Ministry of Environment and Forests, IN  
**Yoichi Kaya** Director General, Research Institute of Innovative Technology for the Earth (RITE), JP  
**John M. Reilly** Associate Director for Research, Joint Program on Science and Policy of Global Change, Massachusetts Institute of Technology (MIT), US  
**Nicholas Rowley** Senior Policy Advisor to the Prime Minister, UK

201B2 Life Sciences: Ethical Aspects of Stem Cells and Regenerative Medicine

**Steven G. Burrill** CEO, Burrill & Co., US  
**François Gros** Honorary Permanent Secretary, Academy of Sciences, FR  
**Henk ten Have** Director, Division of Ethics of Science and Technology, UNESCO, NL  
**Anne McLaren** Principal Research Associate, The Wellcome Trust/Cancer Research UK, University of Cambridge, UK  
**Thomas H. Murray** President and CEO, The Hastings Center, US  
**Linda Nielsen** Rector (Vice Chancellor), University of Copenhagen, DK  
**Thomas B. Okarma** President and CEO, Geron Corp., US  
**P.N. Tandon** President, National Brain Research Center Society, IN

201C2 IT's Impact on Human Society: Interoperability

**Yuichiro Anzai** President, Keio University, JP  
**John Gage** Chief Researcher, Sun Microsystems, Inc., US  
**Osamu Inoue** Member of the Board and Senior Vice President, Global Services Business Division, NTT Communications Corp., JP  
**Valentin F. Turchin** Chief Scientist, SuperCompilers, LLC, US

201D2 Capacity Building: Science Education and Communication

**Anita Aperia** Professor, Karolinska Institutet, SE  
**Stephanie A. Burns** President and CEO, Dow Corning Corp., US  
**Richard Ernst** Professor Emeritus, Laboratory of Physical Chemistry, Swiss Federal Institute of Technology (ETH), CH  
**Dieter Lenzen** President, Free University of Berlin, DE  
**Robert May** President, The Royal Society, UK  
**Gilbert S. Omenn** President, American Association for the Advancement of Science (AAAS), US  
**Judith C. Rodin** President, The Rockefeller Foundation, US  
**Josef Syka** President, Academy of Sciences (ASCR), CZ  
**Ernst-Ludwig Winnacker** President, German Research Foundation (DFG), DE

201E2 Science and Technology for Human Security: Infectious Diseases

**Zhu Chen** Vice President, Chinese Academy of Sciences (CAS), CN  
**Luc Montagnier** President and Co-Founder, World Foundation for AIDS Research and Prevention, FR  
**Vaclav Paces** Chairman, Academy of Sciences (ASCR), CZ

201F2 New Frontiers Opened in NT

**Anna D. Barker** Deputy Director, National Cancer Institute, US  
**Teruo Kishi** President, National Institute for Materials Science, JP  
**Manfred Popp** Chairman of the Forschungszentrum Karlsruhe, Helmholtz-Gemeinschaft, DE  
**Peter A. Singer** Director, University of Toronto Joint Centre for Bioethics, CA  
**Richard E. Smalley** Director, The Smalley Group, Rice University, US

12:15 - 13:15

**202 Working Lunch: "Women in Science"**

**Rita Colwell** Distinguished University Professor, Center for Bioinformatics and Computational Biology, University of Maryland, US

**Jerome I. Friedman** Professor, Massachusetts Institute of Technology (MIT), US

**Khunying Suchada Kirananadana** President, Chulalongkorn University, TH

**Harriet Wallberg-Henriksson** President, Karolinska Institutet, SE

13:30 - 15:30

**Concurrent Sessions**

**203A3 Sustainability - Energy and Environment: Long-term Energy Paths**

**Adinarayantampi Gopalakrishnan** Honorary Professor, Administrative Staff College of India, IN

**Jack Jacometti** Vice President, Global GTL Development, Shell Gas & Power International, UK

**Evgeny P. Velikhov** President, Russian Research Center Kurchatov Institute, RU

**203B3 Life Sciences: New Applications of Genomics to Agriculture**

**Asis Datta** Director, National Center for Plant Genome Research, IN

**Claude M. Fauquet** Director ILTAB, Member Danforth Plant Science Center, US

**David Fischhoff** Director, Technology Strategy and Development, Monsanto, US

**Monty P. Jones** Executive Secretary, Forum for Agricultural Research in Africa (FARA), GH

**Hans Kast** President and CEO, BASF Plant Science Holding GmbH, DE

**Daphne Preuss** Professor, Howard Hughes Medical Institute, University of Chicago, US

**Jennifer Thomson** Professor, Dept. of Molecular and Cell Biology, University of Cape Town, ZA

**203C3 IT's Impact on Human Society: Digital Archiving**

**Noha Adly** ICT/ISIS Director, Library of Alexandria, EG

**Michael A. Keller** University Librarian, Green Library, Stanford University, US

**David J. Lipman** Director, National Center for Biotechnology Information (NCBI), US

**Ann S. Okerson** Associate University Librarian, Yale University, US

**Raj R. Reddy** Herbert A. Simon University Professor, School of Computer Science and Robotics, Carnegie Mellon University, US

**William A. Wulf** President, National Academy of Engineering, US

**203D3 Capacity Building: University Reform**

**Krissanapong Kirtikara** President, King Mongkut's University of Technology (KMUTT), TH

**Toyoomi Nagata** President, Ritsumeikan University, JP

**Viktor A. Sadovnichii** Rector, Moscow State University, RU

**George Saitoti** Minister for Education, Science and Technology, KE

**Hans J.A. van Ginkel** Rector, United Nations University, NL

**Georg Winckler** Rector, University of Vienna, AT

**Alexander J.B. Zehnder** President of the Board, Swiss Federal Institute of Technology (ETH), CH

**203E3 Science and Technology for Human Security: Reducing the Vulnerability of Critical Infrastructures**

**Lincoln C. Chen** Commissioner, Commission on Human Security, US

**Patrick Lagadec** Director of Research, Econometry, Ecole Polytechnique de Paris, FR

**Matthew Meselson** Director of the Harvard Sussex Program on Chemical and Biological Weapons Limitation, Member of the Board, Harvard Univ., US

**Haresh C. Shah** Professor Emeritus, Stanford University, US

**203F3 New Frontiers Opened in IT**

**Robert R. Bishop** Chairman and CEO, Silicon Graphics, Inc., US

**Usama Fayyad** Chief Data Officer and Senior Vice President, Yahoo! Inc., US

**George Hara** Managing Partner, Defta Partners, US

**Craig Mundie** Senior Vice President & CTO, Microsoft Corp., US

**Michael Treschow** Chairman of the Board, Ericsson AB, SE

16:00 - 18:00

**Concurrent Sessions**

**204A4 Sustainability - Energy and Environment: Strategies for Efficient and Renewable Energy Use**

**Manfred Aigner** Director, Institute of Combustion Technology, German Aerospace Center (DLR), DE

**Eduardo Pereira de Carvalho** President, São Paulo Sugarcane Agroindustry Union (UNICA), BR

**Gerald Doucet** Secretary General, World Energy Council, UK

**Alfonso Gonzalez-Finat** Director, Directorate-General for Energy and Transport, EU, BE

**Wolfgang A. Herrmann** President, Technical University of Munich, DE

**Neil Hirst** Director, Energy Technology and R&D, International Energy Agency (IEA), FR

**Hisashi Ishitani** Professor, Graduate School of Media Governance, Keio University, JP

**Anders Wijkman** Member, European Parliament, SE

**Korn Thapparansi** Minister of Science and Technology, TH

**204B4 Life Sciences: Translation of Science to the Marketplace -- The Development of Medicine for Global Health**

**Rafi Ahmed** Director, Emory Vaccine Center, US

**Gail Cassell** Vice President of Infectious Diseases, Eli Lilly & Co., US

**N.K. Ganguly** Director-General, Indian Council of Medical Research, IN

**Jean-Pierre Garnier** CEO, GlaxoSmithKline, FR

**Richard D. Klausner** Executive Director, Global Health, Bill & Melinda Gates Foundation, US

**Eduardo Moacyr Krieger** President, Brazilian Academy of Sciences, BR

**Gérard Le Fur** Chairman and CEO, Aventis, FR

**Richard S. Sackler** Co-Chairman of the Board, Purdue Pharma, L.P., US

**204C4 IT's Impact on Human Society: Security / Privacy**

**Amy Chua** John M. Duff, Jr. Professor of Law, Yale Law School, Yale University, US  
**Tali Rossenbaum** Director General, Ministry of Science and Technology, IL  
**Marc Rotenberg** Executive Director, Electronic Privacy Information Center (EPIC), US

**204D4 Capacity Building: Intellectual Property Rights**

**Hisamitsu Arai** Secretary General, Intellectual Property Strategy Headquarters, Cabinet Secretariat, JP  
**Jeffrey P. Bezos** Founder and CEO, Amazon.com, US  
**Alison Brimuelow** President-Elect, The European Patent Office, UK  
**Winfried Büttner** Vice President, Corporate Intellectual Property and Functions, Siemens A.G., DE  
**Todd Dickinson** Vice President and Chief, Intellectual Property Counsel General Electric, US  
**Kamil Idris** Director General, World Intellectual Property Organization, SD  
**Helga Nowotny** Chair, European Research Advisory Board (EURAB), AT  
**Kapil Sibal** Minister, Science & Technology and Ocean Development, IN

**204E4 Science and Technology for Human Security: Fighting against Natural Disasters**

**Jamilur R. Chowdhury** Vice-Chancellor, BRAC University, BD  
**Tsuneo Katayama** President, National Institute for Earth Science and Disaster Prevention, JP  
**V. Thirupugazh** Joint CEO, Gujarat State Disaster Management Authority, IN  
**Tissa Vitharana** Minister of Science and Technology, LK  
**Zhenyao Wang** Director-General, National Disaster Reduction Center of China, CN  
**Ben Wisner** Research Fellow, Development Studies, London School of Economics, UK

**204F4 New Frontiers Opened in Manufacturing**

**Morris Chang** Chairman and CEO, Taiwan Semiconductor Manufacturing Co., Ltd., Chinese Taipei  
**Kai Desinger** CEO, Celon A.G., DE  
**Noel Forgeard** President and CEO, Airbus Group, FR  
**Vladimír Mařík** Head, Czech Technical University in Prague, CZ  
**Frieder Meyer-Krahmer** Permanent State Secretary, Federal Ministry of Education and Research, DE  
**Louis Schweitzer** Chairman of the Board, Renault Group, FR  
**John Sunderland** President, Confederation of British Industry (CBI), UK  
**Hans-Jürgen Warnecke** Former President, Fraunhofer Institute, DE  
**Hiroyuki Yoshino** Director & Advisor, Honda Motor Co., Ltd., JP

**18:30 - 20:30****205 Special Buffet Dinner at Shokokuji Temple\* (hosted by the Kyoto Support Committee for the STS forum)**

**Yorikane Masumoto** Mayor, City of Kyoto, JP  
**Yoshiro Mori** Former Prime Minister of Japan, JP  
**Junichi Murata** Chairman, The Kyoto Chamber of Commerce and Industry, JP  
**Keiji Yamada** Governor, Kyoto Prefectural Government, JP

\*Transportation by bus provided.

**Sep. 13** 2005 (Tue.)**8:00 - 9:45****300 Plenary Session: Summaries from Concurrent Sessions**

**Philippe Busquin** President, Scientific and Technology Options Assessment, European Parliament, BE  
**Ralph J. Cicerone** Chancellor, University of California, Irvine, US  
**Daniel S. Goldin** Chairman, The Intellisys Corp., US  
**Hiroo Imura** Chairman, Foundation for Biomedical Research and Innovation, JP  
**Myung Oh** Deputy Prime Minister and Minister of Science and Technology, KR  
**Ismail Serageldin** Director, Library of Alexandria, EG  
**Hiroyuki Yoshikawa** President, National Institute of Advanced Industrial Science and Technology, JP

**10:15 - 11:15****301 Plenary Session**

**Craig R. Barrett** Chairman of the Board, Intel Corp., US  
**Arthur Carty** Science Advisor to the Prime Minister, CA  
**Yuan Tseh Lee** President, Academia Sinica, US  
**Akio Mimura** Representative Director and President, Nippon Steel Corp., JP  
**Letizia Moratti** Minister of Education, Universities and Scientific Research, IT  
**Guangzhao Zhou** President, Chinese Association for Science and Technology (CAST), CN

**11:15 - 12:00****302 Closing Plenary Session**

**Bruce Alberts** President, National Academy of Sciences, US  
**Vartan Gregorian** President, Carnegie Corporation of New York, US  
**Roman Herzog** Former President, DE  
**Koji Omi** Member of the House of Representatives, Former Minister of State for Science and Technology Policy, JP

**12:00 - 13:00****303 Farewell Buffet Lunch**



## **STS forum Second Annual Meeting (September 11-13, 2005, Kyoto, Japan)**

### **Modalities for Participation:**

- Participation upon invitation only.
- Participants are requested to make their own travel arrangements to the venue.
- Participation fee: US\$1,000 (business); US\$500 (other). This covers all sessions (including simultaneous interpretation into English whenever necessary, documents and all meals mentioned in the program). In order to facilitate networking amongst participants, a Japanese cell phone will be rented free of charge to all principal participants, together with a telephone list (same as Nov. 2004).
- Accompanying spouse programs and other tours (free of charge) will be organized.

### **Registration:**

- Registration (and, if and when relevant, hotel reservation) will be made online. Please refer to your invitation letter for registration information.
- Deadline for registration: July 31, 2005.

### **Spouse Program (subject to change):**

Sep.12, 2005 (Mon.) 09:30 - 17:00

### **Post-forum Tours (subject to change):**

Sep.13, 2005 (Tue.)

- Kansai Science City Tour 13:30 - 18:30
- Kyoto Sightseeing Tour 13:30 - 18:00

Sep.13 (Tue.) – 14 (Wed.)

- Nagoya Region Tour
  - Toyota Plant Tour
    - Sep.13, 2005 (Tue.) 13:00 - 18:00 (can be taken separately)
  - EXPO 2005 AICHI Tour
    - Sep.14, 2005 (Wed.) 08:00 - 18:00 (only for entire tour participants)

### **For more information, please contact:**

#### **STS forum Secretariat**

Sanno Grand Building 419, 2-14-2 Nagatacho, Chiyoda-ku, Tokyo 100-0014, Japan

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