

STS forum 2015 – 12th Annual Meeting Program, October 4–6, 2015

October 3, 2015 (Saturday)

12:00-18:00	Registration [Grand Prince Hotel Kyoto] (for all STS forum participants)		10:30-18:00	Regional Action on Climate Change Conference (RACC7) [Room 510]
			13:00-17:00	Dialogue between Future Leaders and Nobel Laureates [Room E]
			13:30-18:00	4th Global Summit of Research Institute Leaders [Room C-2]
18:00-20:00	Networking Plaza [Grand Prince Hotel, Gold Room]		14:00-16:40	Kyoto Symposium [Kyoto Chamber of Commerce and
			15:00-17:00	Board Meeting

October 4, 2015 (Sunday)

8:30	Doors open at the Kyoto International Conference Center (ICC Kyoto)							
100	Opening Plenary Session: Science and Technology for the Future of Humankind [Main Hall]							
10:00-11:00	<ol style="list-style-type: none"> 1. Dr. Koji Omi, Founder and Chairman, STS forum, JP 2. Mr. Shinzo Abe, Prime Minister, Government of Japan, JP 3. Mr. Manuel Valls, Prime Minister, Government of the French Republic, FR 4. Mr. Ranil Wickremesinghe, Prime Minister, Government of Democratic Socialist Republic of Sri Lanka, LK 5. Mr. Arkady Dvorkovich, Deputy Prime Minister, Government of the Russian Federation, RU 6. Dr. John P. Holdren, Director of Office of Science and Technology Policy (OSTP), Executive Office of the President (EOP) of the United States, US 7. Dr. Sadayuki Sakakibara, Chairman, Keidanren (Japan Business Federation); Chief Senior Advisor, Chief Senior Counselor, Toray Industries, JP 							
11:00-11:10	Break							
101	Plenary Session 101: Energy and Environment [Main Hall]							
11:10-12:20	<p>[Chair]</p> <ol style="list-style-type: none"> 1. Dr. Rush Holt, Jr., CEO, AAAS, US [Speakers] 2. Dr. Alexander Shokhin, President, Russian Union of Industrialists and Entrepreneurs, RU 3. Mr. Takayuki Ueda, Vice-Minister for International Affairs, Ministry of Economy, Trade and Industry (METI), JP 4. Prof. Dr.-Ing. Matthias Kleiner, President, Leibniz Association, DE 5. Mr. Takeshi Uchiyama, Chairman of the board, Toyota Motor Corporation, JP 6. Prof. Dr. Gordon McBean, President of International Council for Science (ICSU), Co-Chair of Governing Council, Future Earth, Director of Research and External Relations - Centre for Environment and Sustainability, Institute for Catastrophic Loss Reduction, Department of Geography, Western University, CA 							
12:20-13:50	Buffet Lunch						12:20-13:50	12:20-13:50
						CTO Meeting [Room E]	S&T Ministers' Lunch [Annex 1]	
102	Energy and Environment A1:	Life Sciences B1:	Engineering and Innovation C1:	Nature Conservation D1:	Cooperation in S&T E1:	Science, Technology and Society F1:	Smart Cities G1:	
13:50-15:30	Shale Gas/ Shale Oil Revolution	Regenerative Medicine	Industrial Innovation	Ocean	Science and Technology Diplomacy and International Collaboration	Science and Engineering Education	Smart Cities - Urban Design & Development	
15:30-15:40	Break							
103	Plenary Session 103A: Research and Innovation [Main Hall]				Plenary Session 103B: The Role of Universities [Room D]			
15:40-16:40	<p>[Chair]</p> <ol style="list-style-type: none"> 1. Dr. Alain Fuchs, President, French National Centre for Scientific Research (CNRS), FR [Speakers] 2. Dr. Nabeel H. Al-Salem, Executive Director of Outreach and Communications, QF Research and Development, Qatar Foundation, QA 3. Dr. Alexey Repik, President, Delovaya Rossiya (Business Russia) National Public Organization, RU 4. Prof. Hiroshi Matsumoto, President, RIKEN, JP 5. Sir Mark Walport, UK Government Chief Scientific Adviser, Government Office for Science, GB 6. Dr. Georg Schütte, State Secretary, Federal Ministry of Education and Research (BMBF), DE 7. Dr. Klaus Lindpaintner, Chief Scientific Officer, Analytical Technologies, Thermo Fisher Scientific, AT 				<p>[Chair]</p> <ol style="list-style-type: none"> 1. Dr. Torsten Nils Wiesel, President Emeritus, The Rockefeller University, Nobel Laureate in Physiology or Medicine 1981, US [Speakers] 2. Mr. Thierry Mandon, Minister of State for Higher Education and Research, FR 3. Ms. Helene Hellmark Knutsson, Minister for Higher Education and Research, SE 4. Mr. Hakubun Shimomura, Minister of Education, Culture, Sports, Science and Technology (MEXT), JP 5. The Honorable Chuan Poh Lim, Chairman, Agency for Science, Technology and Research (A*STAR), SG 6. Dr. Yoshinao Mishima, President, Tokyo Institute of Technology, JP 7. Prof. Pailin Chuchottaworn, Chairperson of the Board of Vidyasirimedhi Institute of Science and Technology (VISTEC) and Kamnoetvidya Science Academy (KVIS), TH 			
16:40-17:10	Coffee Break							16:40-18:50
104	Challenges and Solutions for New and Renewable Energies	B2: Food and Nutrition	C2: Future Nanomaterials	D2: Water	E2: Competition and Cooperation among Global Industries	F2: Bridging Science and Technology with Society and Politics	G2: Smart Cities - Quality of Life	S&T Ministers' Roundtable [Room A]
105	Official Dinner [Event Hall]							
18:50-21:00	<p>Cocktail(18:50-19:45)</p> <p>Dinner Speech(20:15-20:45)</p> <p>● Prof. Shuji Nakamura, Professor, Materials Department, University of California, Santa Barbara; Nobel Laureate in Physics in 2014, JP</p>							

							08:00-08:45	General Meeting		
200	Plenary Session 200: Society Changed by ICT - Security and Privacy- (Dialogue among Political Leaders, Scientists and Industrialists) [Main Hall]									
09:00-10:20	[Chair] 1. Dr. Pradeep Khosla , Chancellor, University of California, San Diego (UCSD), US [Speakers] 2. Dr. Ismail Serageldin , Director, Library of Alexandria, EG 3. Mr. Kenichiro Yamanishi , Chairman, Mitsubishi Electric Corporation, JP 4. Mr. Charles Romine , Director, Information Technology Laboratory, National Institute of Standards and Technology (NIST), US				5. Dr. Thaweesak Koanantakool , President, National Science and Technology Development Agency (NSTDA), TH 6. Dr. William H. Saito , Vice Chairman, Palo Alto Networks, K.K., Special Advisor - IT, S&T, Cyber Security, Cabinet Office, Government of Japan, JP					
80 min.										
10:20-10:50	Coffee Break									
201	A3:	B3:	C3:	D3:	E3:	F3:	ICT	10:20-12:40		
10:50-12:30	Nuclear Technology Prospects	Preemptive Medicine	New Manufacturing Technologies	Global Resources	Collaboration among Academia, Industries and Government	Social Innovation for Sustainability	Internet of Things (IoT)	Funding Agency Presidents' Meeting [Room 104]		
100 min.										
12:30-13:20	Lunch									
12:30-13:20									12:30-14:30	
202	Plenary Session 202: Global Health [Main Hall]									
13:20-14:30	[Chair] 1. Dr. Henry A. McKinnell , Chairman, Moody's Corporation, US [Speakers] 2. Prof. Shinya Yamanaka , Director, Center for iPS Cell Research and Application (CiRA), Kyoto University; Nobel Laureate in Physiology or Medicine 2012, JP 3. Dr. Elias A. Zerhouni , U.S. Science Envoy; President, Global R&D, Sanofi, US 4. Mr. Christophe Weber , President & CEO, Takeda Pharmaceutical, FR 5. Dr. Leroy Hood , President, Institute for Systems Biology, US 6. Dr. Jörg Reinhardt , Chairman, Novartis A.G. CH				University Presidents' Lunch Meeting [Room D]					
70 min.										
14:30-14:40	Break									
203	A4:	B4:	C4:	D4:	E4:	F4:	G4:	14:40-16:40	14:40-16:40	
14:40-16:20	Energy for Transportation	Infectious Diseases	Robotics	Adaptation to / Mitigation of Climate Change	Science and Technology in Developing Countries	Responsible Public Dialog in Science & Technology	Big Data	Academy of Science Presidents' Meeting [Room 104]	Academy of Engineering Presidents' Meeting [Room 103]	
100 min.										
16:20-16:50	Coffee Break									
204	Plenary Session 204A: Population & Resources [Main Hall]				Plenary Session 204B: Science and Technology in Business Management and Strategy [Room A]					
16:50-18:00	[Chair] 1. Sir Paul Nurse , President, The Royal Society; Nobel Laureate in Physiology or Medicine 2001, GB [Speakers] 2. Dr. Adel El Sayed Tawfik El-Beltagy , former Minister of Agriculture & Land Reclamation of Egypt, Chair of International Dryland Development Commission (IDDC), Chair of Agriculture Sciences & Food Council, the Academy of Scientific Research and Technology (ASRT), EG 3. Mr. Yukiya Amano , Director General, International Atomic Energy Agency (IAEA), JP 4. Dr. Ashwani Kumar , Member of Parliament (Rajya Sabha), IN 5. Dr. Mohammad Farhadi , Minister of Science, Research and Technology, IR 6. Mr. Y. B. Madius Tangau , Minister of Science, Technology and Innovation (MOSTI), MY 7. Dr. Vincent C. Siew , former Vice President of Chinese Taipei, TW 8. Prof. Jacob Kaimenyi , Cabinet Secretary for Education, Science and Technology, KE				[Chair] 1. Mr. Pascal Colombani , Chairman of the Board of Valeo, Vice-Chairman of the French National Research Strategy Council, FR [Speakers] 2. Dr. Keoki Jackson , Chief Technology Officer, Lockheed Martin Corporation, US 3. Dr. Anatoly B. Chubays , Chairman and CEO, RUSNANO, RU 4. Mr. Olivier Piou , Chief Executive Officer, Gemalto, FR 5. Dr. Ed Hays , Senior Vice President and Chief Technical Officer, The Coca-Cola Company, US 6. Ms. Susana Quintana-Plaza , Senior Vice President, Technology & Innovation, E.ON, ES 7. Dr. Mauro Varasi , CTO, Finmeccanica SpA, IT					
70 min.										
18:00-18:30	Move to Nijo-jo Castle, UNESCO World Heritage Site									
205	Special Buffet Dinner at Nijo Castle (shuttle bus provided from ICC Kyoto to site)									
18:30-20:30								21:00-22:30	Council Meeting	

300	<p>Plenary Session 300: Key Messages from Concurrent Sessions [Main Hall]</p> <p>[Chair] 1. Prof. Hiroyuki Yoshikawa, Special Counselor to the President, Japan Science and Technology Agency (JST), JP</p> <p>[Speakers] [A: Energy & Environment] 2. Dr. Hiroaki Kitano, President & CEO, Sony Computer Science Laboratories, Inc., JP [B: Life Sciences] 3. Prof. Bernard Meunier, President, Academy of Sciences of France, FR [C: Engineering & Innovation] 4. Prof. Eric Mazur, Area Dean of Applied Physics; Balkanski Professor of Physics, Harvard University, US [D: Nature Conservation] 5. Dr. Rita Colwell, Professor, University of Maryland; Professor, Johns Hopkins University, US</p> <p>[E: Cooperation in S&T] 6. Mr. Yongvut Saovapruk, President, National Food Institute, Ministry of Industry, TH [F: Science, Technology and Society] 7. Prof. Mohamed Hag Ali Hassan, Co-Chair, iap (global network of science academies), IT [G1&2: Smart Cities] 8. Dr. Tomoko Y. Steen, Professor, Department of Microbiology and Immunology, Georgetown University, School of Medicine, US [G3&4: ICT] 9. Dr. Noha Adly, First Deputy to the Minister, Ministry of Communications and Information Technology, EG [Report by the Future Leaders]</p>
9:00-10:50	110 min.
10:50-11:20	Coffee Break
301	<p>Closing Plenary Session: How Do We Move forward to Maintain Sustainability for the Future of Humankind? [Main Hall]</p> <p>[Chair] 1. Prof. Yuan Tseh Lee, President Emeritus, Institute of Atomic and Molecular Sciences, Academia Sinica; Nobel Laureate in Chemistry 1986, TW</p> <p>[Speakers] 2. Mrs. Naledi Grace Mandisa Pandor, Minister of Science and Technology, Department of Science and Technology, ZA 3. Mr. Takehiko Nakao, President, Asian Development Bank (ADB), JP 4. Mr. Abdullah Bin Hamad Al-Attiyah, Chairman, Foundation for Energy & Sustainable Development, QA 5. Prof. Jerome Isaac Friedman, Institute Professor and Professor of Physics Emeritus, Physics Department, Massachusetts Institute of Technology (MIT); Nobel Laureate in Physics 1990, US 6. Dr. Koji Omi, Founder and Chairman, STS forum, JP</p>
11:20-12:10	50 min.
302	Farewell Buffet Lunch [Swan]
12:30-13:30	