

**World Knowledge Dialogue 2008
in Crans Montana**

**STS *forum* Session
“Science for Policy, Policy for Science: Role of Science,
Government and Industry”**

DATE: Thursday, September 11, 2008

TIME: 15:00 - 17:00

DISCUSSION POINTS

Science development and its applications have tremendous impact on humankind and its future. The benefits are large, but the potential risks are also perceived by society as threatening. At the same time, as globalization advances to make our world flat, we must ensure that these discussions involve a large number of countries. The STS *forum* was established in 2004 as a multi-stakeholder, peer-meeting gathering leaders from science and academia, policy making, business and media worldwide in order to discuss these “Lights and Shadows of Science and Technology,” and how to minimize the risks while maximizing the benefits.

The first part of the session will focus on the STS *forum* and the WKD and how they can share knowledge and move the discussions forward from one forum to another; the second part of the session will feature speakers from different areas of expertise who will give examples from their own area of research on the respective roles of science, industry and policy.

PROGRAM

Moderator: Reiko **Kuroda**, Professor, Graduate School of Arts and Sciences, University of Tokyo

15:00-15:20 (20 min.) Presentation of the Science and Technology in Society *forum*:

Fundamental concept of the STS *forum* : Hiroyuki **Yoshikawa**, President, National Institute of Advanced Industrial Science and Technology, Member of the Board, STS *forum*.

Track record and achievements of the past STS *forum*: Kiyoshi **Kurokawa**, Special Advisor to the Cabinet, Member of the Board, STS *forum*

15:20-15:30 (10 min.) The World Knowledge Dialogue and the Science and Technology Forum: Complementary and Collaborative Relationships – How to build up on past discussions and take them further

Francis **Waldvogel**, Director of the Executive Board, World Knowledge Dialogue Foundation

15:30-15:40 (10 min.) WKD and STS: What can we learn from each other?

Richard **Ernst**, Professor Emeritus, Laboratory of Physical Chemistry, Swiss Federal Institute of Technology (ETH) Zurich

15:40-15:50 (10 min.) What Kind of Dialogue Are We Looking for?:

Julia **Higgins**, Principal, Faculty of Engineering, Imperial College London

15:50-16:30 (40 min.) Role of Science, Industry and Policy: Series of Four Presentations by Experts from Different Areas

Takashi **Maeno**, Professor, Graduate School of System Design and Manager Keio University (Robotics, Cognitive Science, Complex System Design) (10 r

Geoffrey **West**, President and Distinguished Professor, Santa Fe

STS *forum* (Non-Profit Organization)

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

Institute (Complex systems, Biophysics, Particle Physics) (10 min.)

Masaru **Kono**, Secretary, Section III, Science Council of Japan
(Global Edge Institute, Tokyo Institute of Technology) (10 min.)

Atsushi **Iriki**, Laboratory Head, Laboratory for Symbolic Cognitive
Development, Brain Science Institute, RIKEN (Neuroscience, Culture
and Civilization) (10 min.)

16:40-16:55 (15 min.) Discussion and/or Q&A

16:55-17:00 (5 min.) Concluding Remarks by session moderator, Prof. Reiko **Kuroda**