

## 2011 Taiwan-Japan Science and Technology Forum - Great East Japan Earthquake - The Facts and the Future -

The 2011 Taiwan-Japan Science and Technology Forum was held at the Regent Taipei in Taiwan on September 5 - 6 (Mon. and Tues.). It followed the Great East Japan Earthquake Series Seminar held on May 6 (Fri.). Japan incurred tremendous damage in the disaster, which struck on March 11, and the forum saw discussion on the nature of advisable initiatives toward the goal of reconstruction, and the lessons for neighboring countries and the rest of the world. Taiwan is also an island country and has experienced several large earthquakes itself. There are, in addition, a total of six nuclear power generation units in operation there at present. This means its citizens are living in the shadow of the huge risks presented by nuclear power. To overcome immense disasters on the order of that caused by the Great East Japan Earthquake requires the mobilization of all sorts of capabilities, both domestic and foreign. The 2011 Forum brought together the related expertise of Japanese and Taiwanese specialists for the purpose of strengthening ties of cooperation in the aspects of science and technology, politics and economics, and industry. The following is a brief run-down of the Forum proceedings.

- Date: September 5 (Mon.) - 6 (Tues.), 2011
- Place: Banquet Hall, 3F, The Regent Taipei
- Organizer: Science and Technology Interchange Committee, East Asia Relations Commission
- Support: Department of Industrial Technology, Ministry of Economic Affairs, and Department of International Cooperation, National Science Council, Executive Yuan, Taiwan
- Execution: Chung-Hua Institution for Economic Research

The Taiwan-Japan Science and Technology Forum brings Japanese and Taiwanese leaders in the fields of science and technology together for a pooling of their wealth of specialized knowledge and experience in administrative affairs and policy-making, to encourage an alignment of perspectives on specific issues. Its purpose is to thereby construct visions for anticipatory research, research arrangements, and strategy for scientific and technological advancement. The promotion of interchange and cooperation between Japan and Taiwan in the spheres of science and culture also serves to improve the well-being of people in both countries and is a major part of the Forum's role. Ever since the first installment was held in 2003, hundreds of experts from industry, government, and academia have participated in the Forum each year and engaged in animated discussion there. The venue is charged with an enthusiastic atmosphere, and the Forum has become a large-scale, high-level conference with few parallels since the suspension of official relations between Japan and Taiwan more than 30 years ago. It is now of precious value for mutual understanding and ties of cooperation between the two countries.

### 【Outline of proceedings】

- 9/5 (Mon.), first day
  - 9:00 - 9:10 AM: **Opening remarks by the organizer**
  - Liang Chi-Yuan, President, Chung-Hua Institution for Economic Research
  - 9:10 - 9:30: **Opening remarks by a guest**
  - Yusuke Sami, Deputy Representative, Taipei Office, Interchange Association (Japan)
  - 9:30 - 10:30: **Keynote speech**
  - Moderator: Liang Chi-Yuan, President, Chung-Hua Institution for Economic Research
  - "The 3/11 Shock and Japan's New Course", Jitsuro Terashima, President, The Japan Research Institute Ltd.
  - 10:50 - 11:50: **Keynote discussion**
  - Moderator : Jitsuro Terashima, President, The Japan Research Institute, Ltd.
  - Panelists: Kazuhiro Haraguchi, Mieko Nakabayashi, Tsutomu Takamura, and Keiichiro Asao, representatives, National Diet, Japan
  - 1:30 - 3:40 PM: **Topic 1 - The Fukushima Nuclear Catastrophe and Protection from Radiation**
  - Moderator : Masahiro Yoshimura, Professor Emeritus, Tokyo Institute of Technology, and Specially Appointed Professor, National Cheng Kung University
  - "The Nuclear Accident at Fukushima Daiichi - Technical Facts and the Future of Nuclear Power"
  - Tsutomu Hayashi, Representative Director, former Corporate Director, and Director of the Nuclear Power Department, Group for Proposal on Energy Problems, Hitachi, Ltd.
  - "Protection from Radiation after the Catastrophe at Fukushima Daiichi Nuclear Power Station"
  - Toshiso Kosako, former Cabinet Consultant and Professor, University of Tokyo
  - "Taiwan's Initiatives for Protection against Radiation after the Fukushima Catastrophe"
  - Lee Ruoh-Tsann, Radiation Protection Department, Atomic Energy Council, Executive Yuan
  - 4:00 - 5:30 PM: **Topic 2 - Energy Strategy**
  - Moderator : Chang Ching-Fong, Vice-Chairman, National Science Council, Executive Yuan
  - "Recovery from the Great East Japan Earthquake and Future Energy Options"
  - Koichi Kitazawa, President, Japan Science and Technology Agency
  - "Japan's Energy Strategy after 3/11"
  - Tetsunari Iida, Director, Institute for Sustainable Energy Policies
  - 6:30 PM: **Forum Banquet**
- 9/6 (Tues.), second day
  - 9:00 - 10:40: **Topic 3: Disaster Response and Risk Management**
  - Moderator : Tsay Chin-Yen, Chairman, Science and Technology Interchange Committee, East Asia Relations Commission
  - "Response to the Great East Japan Earthquake and Risk Management at Kyoto University"
  - Yuzo Ohnishi, Executive Vice-President, Kyoto University
  - "Latest Trends in Development of Disaster Reduction and Relief Technology for Large Earthquakes in Taiwan"
  - Chen Liang-Chun, Director, National Science and Technology Center for Disaster Reduction
  - "Possibility of Data Centers in Taiwan Serving as Regional Backup Centers"
  - Wu I-Nan, Vice-President, Acer e-Enabling Data Center (Acer eDC)
  - 11:00 - 12:00: **Panel Discussion - The Great East Japan Earthquake - Facts and the Future**
  - Moderator: Tsay Chin-Yen, Chairman, Science and Technology Interchange Committee, East Asia Relations Commission
  - Panelists: Koichi Kitazawa, Liang Chi-Yuan, Yuzo Ohnishi, Lee Ruoh-Tsann, Toshiso Kosako, Chen Liang-Chun, Tsutomu Havashi



Liang Chi-Yuan



Jitsuro Terashima



Keynote discussion



Panel discussion

**【Comment】**The Forum is held every year. This year's installment took disaster reduction as its theme, and consequently received considerable attention in Taiwan as well. It attracted about 400 participants, some of them coming from distant provinces to hear the presentations and discussions. Following the Great East Japan Earthquake, Japan has been given some 18 billion yen in donations from Taiwan. The 2011 Forum drew the participation of leading figures from Japan as well, and turned out to be a resounding success.

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