

Application of Longtime Research Results to Build Bases for a Bright Future ... Effective Uses of Our Intellectual Resources

Tohoku University International Industry-Academia Cooperation Symposium Strategies for International Industry-Academia Cooperation: Message from Tohoku University

Tohoku University Industry-Academia Cooperation Symposium was held as a part of the Project for the Strategic Development of Industry-University-Government Collaboration sponsored by the Ministry of Education, Culture, Sports, Science, and Technology at Keidanren Kaikan in Tokyo on March 12, 2009.

Tohoku University has presented its strategic approaches and the future direction of intellectual property to the audience from across the country.

Following the speeches by President Akihisa Inoue and Director Fumio Isoda at Research Promotion Bureau, Ministry of Education, Culture, Sports, Science and Technology, Hiroyuki Abe, Advisor to Japan Science and Technology Agency, and Nobuyoshi Tanaka, Senior Managing Director, Canon, have presented their visions for future collaborations in keynote speeches.

Session 1 has presented Tohoku University's International Strategic Model for the future. In Session 2, Professor Shigetoshi Sugawa and Professor Tadahiro Omi have presented their successful cases and the key points with representatives of joint research partners. Prof. Sugawa's partner was Mr. Toshiyuki Yamazaki, Texas Instruments of Japan, and Mr. Naozumi Koga, Zeon Corporation, and Mr. Hiroaki Tamura, Ube Industries were of Prof. Omi's.

A video message from Professor Reza Abbaschian, University of California, Riverside highlighted our



international cooperation. Tohoku University and Sendai City has worked on a project in collaboration with UC Riverside.

At the round-table session, Mr. Abe, Mr. Tanaka, and Professor Omi have shown a plan for Japan's international strategy of intellectual property and the university's strategy for international collaboration on intellectual property. The symposium successfully ended.

Tohoku University will plan to hold symposia like the above regularly to contribute to the promotion of international cooperative projects both in the university and in Japan.

Contribution to the Promotion of Industry-Academia Collaboration in both Germany and Japan German Innovation Award Won the Second Prize of the Gottfried Wagener Prize 2008



The presentation ceremony for German Innovation Award was held at Grand Hyatt Tokyo on March 6, 2009. A research group led by Associate Professor

Akira Yoshikawa at Institute of Multidisciplinary Research for Advanced Materials received the Second Prize of the Gottfried Wagener Prize 2008. The reason to be awarded was the development of an inorganic scintillator and its application in medicine, security, and an industry.

German Innovation Award was established to commemorate Gottfried Wagener, a German scientist who had close ties with Japan, by 12 German companies that emphasize on technologies and the German Chamber of Commerce in Japan. The award aims to support talented young researchers in Japan, to promote industry-academia collaborations between Germany and Japan, and to develop a close partnership among various circles.

Highly Evaluated Achievements in Industry-University-Government Collaborations

Two faculty members of Tohoku University were commended as Persons of Merit in Industry-University-Government Collaborations for their outstanding achievements.

The commendation ceremony was held at Kyoto International Conference Center on June 20, 2009.



Prime Minister Award

Given to:

Professor **Masataka Nakazawa**, Research Institute of Electrical Communication, Tohoku University (second from the right in the picture.)

Mr. Kazuo Hagimoto, Nippon Telegraph and Telephone Corporation (NTT,) and

Mr. Haruki Okoshi, FURUKAWA ELECTRIC CO., LTD
The Development and Advancement of Erbium Doped Fiber Amplifier (EDFA)



Ministry of Education, Culture, Sports, Science and Technology Award

Given to:

Professor **Kazuo Watanabe**, Institute for Materials Research, Tohoku University (at the center in the picture,) and

Mr. Junji Sakuraba, Sumitomo Heavy Industries, LTD
The Development of a Cryogen-free High-Magnetic-Field Superconducting Magnet Device



Systematic collaborations with private organizations by agreement

Date of agreement	Private organizations	Purpose
February 19, 2009	High Energy Accelerator Research Organization (KEK)	To further promote joint research, its system, human resource development and exchange in particle and nuclear physics, materials and life science, and accelerator science
March 9, 2009	National Institute for Fusion Science, National Institutes of Natural Sciences	To further promote research on a fusion reactor, human resource development and exchange
April 14, 2009	RIKEN	To develop various academic domains such as theories and experiments, and computational science and computer science, to produce innovation by computational science, and to promote human resource development and exchange to play an international role

Topics! 2008 Tohoku University Innovation Fair in Sendai



2008 Tohoku University Innovation Fair in Sendai was held at Sendai International Center on September 30, 2008. The Innovation Fair has presented the most advanced researches and technologies in the following fields at exhibition booths: information and communications, nanotechnologies, materials, medical engineering, life sciences, and robotics. The university created opportunities to meet new people throughout the fair.

Keita Inoue, Visiting Professor at Tohoku University, former Director of Toyota Motor Corporation, and former Representative Director and President of GENESIS RESEARCH INSTITUTE, Inc. gave a keynote speech titled "Global Warming and the Future of Automobile." A large audience listened to his prospect and approaches.