



Invitation to the third Czech-Japan Science and Technology Days Tokyo, May 22-24, 2007



The second Czech-Japan Science and Technology Days (CJSTD) took place in Prague on May 15-17, 2006 under the auspices of the Prime Minister of the Czech Republic, Mr. Jiří Paroubek, and the Deputy Prime Minister for Economy, Mr. Jiří Havel. Almost 140 participants attended the event; fifty-three of them were Japanese government officials, business representatives, high-tech specialists and scholars.



Following the above-mentioned successful meeting, all participating organizations from the Czech and Japanese sides agreed to do their best to organize the next meeting in May 2007 in Tokyo.



The third Czech-Japan Science and Technology Days will be held under the auspices of the Prime Minister of the Czech Republic, Mr. Mirek Topolánek, and with the cooperation of the Ministry of Foreign Affairs (MoFA), the Ministry of Economy, Trade and Industry (METI), and the Ministry of Education, Culture, Sports, Science and Technology (MEXT) on the Japanese side. The event is also organized as a follow-up of the official visit of Mr. Václav Klaus, President of the Czech Republic, to Japan in February 2007.

The main objectives of this important event are:

- To facilitate meetings of high-level government officials, leading scientists and top-level business representatives in order to explore and elaborate details on how to foster joint research and development projects and how to foster and put innovative high-tech products on international markets.
- To broaden and deepen the result-focused and success-driven Czech-Japanese cooperation in scientific and technological innovations.
- To make Czech-Japanese cooperation in science and technology the symbol and benchmark of highly efficient and fully successful international endeavors in this field.



Ministry of Foreign Affairs



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY



CzechInvest, the Investment and Business Development Agency of the Ministry of Industry and Trade, and the Czech Technical University in Prague (CTU), in cooperation with the Ministry of Industry and Trade (MIT), the Ministry of Education, Youth and Sports (MEYS), the Ministry of Foreign Affairs (MoFA), the Czech Embassy in Tokyo, the Engineering Academy of the Czech Republic (EA CR) and Academy of Sciences of the Czech Republic (AS CR) have again taken the organizational role of the event and extensively cooperated in this respect with their Japanese counterparts, namely JETRO, Tokyo (including JETRO, Prague Office), the Ministry of Foreign Affairs, the Embassy of Japan in Prague, the Ministry of Economy, Trade and Industry, Ministry of Education, Culture, Sports, Science and Technology and Nippon Keidanren (Japan Business Federation).

The Vice-Minister of Education, Youth and Sports will head the Czech delegation.

The seminar program and time schedule (enclosed) are subject to further minor changes and clarification. Its final version will be dispatched to all participants just before the seminar.

Registration

Please register for the seminar using the enclosed Registration form before May 11, 2007. As the number of participants is limited, you are kindly requested to register as soon as possible ("first come, first served").



THE ACADEMY
OF SCIENCES
OF THE CZECH
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Draft Program

Tuesday, May 22

Venue: JETRO HQ Office 5F, JETRO Hall, Ark Mori Bldg., 1-12-32, Akasaka, Minato-ku, Tokyo

- 9:30 - 10:00 Registration of the participants
- 10:00-10:45 **Opening of the seminar**
Chair: Mr. Josef Lébl, Senior Adviser to the CEO, CzechInvest
- 10:00-10:10 Opening of the seminar by the head of the Czech delegation, Mr. Pavel Komárek, Vice Minister of Education, Youth and Sports (MEYS)
- 10:10-10:20 Greeting by Mr. Shotaro Yachi, Vice Minister, MoFA
- 10:20-10:30 Greeting by JETRO Executive
- 10:30-10:35 Greeting by Mr. Richard Nouza, Division Director, Ministry of Industry and Trade (MIT)
- 10:35-10:45 Greeting by Mr. Hajime Sasaki, Co-Chairman, Committee on Europe, Keidanren
- 10:45-10:50 Greeting by Mr. Jaromír Novotný, Ambassador of the Czech Republic
- 10:50-11:50 **Session I: Potential for Cooperation in R&D**
Chair: Mr. Hiroto Ishida, President, Kanazawa Gakuin University
- 10:50-11:10 Mr. Jiří Krechl, Director of R&D Dept., CzechInvest:
The Czech Republic as a country for R&D cooperation and investments
- 11:10-11:30 Speech by Mr. Hiroyuki Yoshikawa, President, AIST
- 11:30-11:50 Mr. Karel Čada, President, Industrial Property Office of the Czech Republic: Protection of intellectual property as a tool for innovation and technology transfer
- 11:50-12:40 **Session II: Academic-Industrial Cooperation and European Space Projects**
Chair: Mr. Hiroyuki Yoshikawa, President – AIST
- 11:50-12:05 Prof. Václav Havlíček, President, Czech Technical University, Prague: Cooperation between universities and innovative companies; Human Resources for R&D; R&D results
- 12:05-12:15 Prof. Václav Hampel, President, Charles University, Prague:
Czech non-technical university sector as a partner for international collaboration with industry
- 12:15-12:25 Prof. Petr Zuna, President, Engineering Academy of the Czech Republic, Honorary Member of the Engineering Academy of Japan: The role of the Engineering Academy in engineering education, science and technology
- 12:25-12:40 Mr. Petr Bareš, Leader, Czech Space Alliance: Participation of the Czech Republic in European space projects
- 12:40-14:00 **Buffet lunch**
- 14:00-15:00 **Session III: Case Studies of Czech-Japanese cooperation in R&D; Opportunities for R&D Cooperation**
Chair: Mr. Tomoo Fujioka, Tokai University
- 14:00-14:10 Prof. Vladimír Mařík, Prof. Jiří Matas, Czech Technical University (CTU):
Cooperation between CTU and Japanese companies (Toyota Motor Corp., Denso Corp., Hitachi Ltd.)
- 14:10-14:20 Mr. Tomáš Jungwirth, Mr. Jan Hrušák, Academy of Sciences of the Czech Republic:
Cooperation between the Academy of Sciences and Hitachi Ltd.
- 14:20-14:30 Prof. Vladimír Matolín, Charles University, Prague: International Joint Graduate School of CU and National Institute of Material Science
- 14:30-14:50 Mr. Karel Klusáček, Technology Centre, Academy of Sciences of the Czech Republic:
Czech technology business incubators – opportunities for R&D collaboration and joint ventures
- 14:50-15:00 Prof. Václav Sklenička – Academy of Sciences of the Czech Republic: Cooperation between the Academy and the private sector
- 15:00-16:50 **Session IV: Results of Research and Applications in Four Priority Fields**
Chair: Dr. Seizo Miyata, Senior Program Manager, New Energy and Industrial Technology Development Organization

15.00-15.20	<p>Block 1: Czech Research in the Field of Biotechnology Reporter: Mr. Tomáš Ocelka, Institute of Health, Ostrava: Technology for destruction of persistent organic compounds. Stem cells, biomaterials; hydrogels in tissue engineering; macromolecular-targeted therapeutics; binding proteins for diagnostics and therapy; cell cycle therapeutics</p>
15.20-15.40	<p>Block 2: Czech Research in the Field of Nanotechnology – focused on applications and cooperation with Japanese partners Reporter: Mr. František Peterka, NANOPIN (National Research Center for Nanosurfaces Engineering): Nanotechnologies in the Czech Republic; photocatalytic/light cleaning nanosurface materials; plasma chemical preparation and treatment of nanocomposites Mr. Tendai Ngwena, ELMARCO – Industrial production of nanofibrous materials</p>
15:40-16:00	Coffee break
16.00-16.20	<p>Block 3: Czech Research in the Field of Applied Natural Sciences Reporter: Prof. Václav Sklenička, Academy of Sciences: Prospective thermal plasma technologies, examination and processing of materials and biostructures, innovative solutions in the area of nuclear power, risk of nanoparticles, microwave and infrared microscopy with extreme resolution</p>
16.20-16.50	<p>Block 4: Czech Innovations in the Field of Technical Sciences Reporter : Prof. Vladimír Mařík, Czech Technical University, Prague Intelligent algorithms for decision-making, speech recognition, automatic translation, industrial applications of multi-agent systems Prof. Václav. Hlaváč, CTU: Advanced computer-vision algorithms and solutions Prof. Michael Valášek, CTU: Sliding Stare – a machine tool based on a new concept Prof. Václav Pekárek, AS CR: Technology for destruction of persistent organic pollutants</p>
16:50-17:55	<p>Panel discussion: Introduction by Czech and Japanese Keynote Speakers: Chair: Mr. Karel Žebrakovský, Ambassador at Large (Science, Technology and Education), MoFA</p> <p>Keynote Speakers:</p> <ul style="list-style-type: none"> -- Mr. Pavel Komárek, Vice Minister, MEYS -- Mr. Hiroto Ishida, President, Kanazawa Gakuin University -- Mr. Jiří Krechl, Director, R&D Department, CzechInvest <p>Main topics for discussion:</p> <ul style="list-style-type: none"> -- Opportunities for Czech-Japanese Cooperation -- What Japan expects from the Czech Republic and what the Czech Republic expects from Japan in R&D
17:55-18:00	Chairman's closing remarks
18:00-20:00	Buffet dinner party

Wednesday, May 23

Venue: 2-16-14, Hiroo, Shibuya-ku, Tokyo

18:30-20:00	<p>Reception at the Embassy of the Czech Republic in Japan Official closing of CJSTD 2007</p>
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Program for Czech Delegation Only

Wednesday, May 23

- a) Meetings of the Czech government officials with their Japanese counterparts
- b) Yokosuka Research Park Visit

11:00-13:00 Transfer from Marunouchi Hotel to YRP (by bus)
13:00-15:00 Visit to YRP
16:30-18:00 Transfer from YRP to Marunouchi Hotel (by bus)

Thursday, May 24

- a) Individual meetings and visits of the Czech participants to Japanese partners
- b) AIST Visit

13:00-15:00 Transfer from Marunouchi Hotel to AIST, Tsukuba (by train)
15:00-16:30 Visit to AIST - Tsukuba Research Center
16:30-18:30 Transfer from AIST to Marunouchi Hotel (by train)

Friday, May 25

- a) Individual meetings and visits of the Czech participants to Japanese partners
- b) Departure of Czech participants

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