

Developing University-Industry Technology Transfer

Tomsk, October 12-13, 2006

Tomsk State University, 36 Lenin Ave, Conference Hall

(Held within the framework of the IX All-Siberian Innovation Forum)

Held by

- Organization for Economic Cooperation and Development (OECD)
- US Civilian Research and Development Foundation (CRDF)
- Tomsk State University

in cooperation with the Russian Ministry of Science and Education and Tomsk Government

Workshop is held in the form of round-table discussion

Thursday, October 12

9:30 – 10:00 *Registration of participants*

10:00 – 10:45 **Opening statements:**

- V.I. Zinchenko, Deputy Governor for Research, Innovation Policy and Education. Tomsk Region
- S.A. Gubin, Coordinator of international programs, RF Ministry of Education and Science
- M.V. Shubin, Deputy General Director, Foundation for Assistance to Small Innovative Enterprises (FASIE)
- G.V. Mayer, Rector, Tomsk State University
- Ian Witman, Organization for Economic Cooperation and Development (OECD)
- David Giebink, Industry Program Director, US Civilian Research and Development Foundation (CRDF)

10:45 – 11:30 ***Session 1: Federal and regional programs in promoting university-industry technology transfer. (Short presentations 15 minutes each followed by group discussion)***

Co-chairs:

Ian Witman, (OECD)

Albert Aganov, Dean, Kazan State University

Recent economical and political changes in Russia stimulate the support of innovation activity of universities and local industry by governments. This session examines the federal framework for innovation and how federal regional governments may successfully work with universities in promoting their links to industry.

- 1.1 V.I. Zinchenko, Deputy Governor for Research, Innovation Policy and Education. Tomsk Region. ***“Elaboration and implementation of the regional innovation development model on the example of Tomsk region”***
- 1.2 S.A. Gubin, Coordinator of international programs, RF Ministry of Education and Science ***«Ministry plans on the development of technology transfer centers»***
- 1.2 M.V. Shubin, Deputy General Director, FASIE. ***“Programs of the FASIE aimed at the support of the entrepreneurial and innovation activity in the university”***
- 1.3 Ellen Hazelkorn, Dean of Faculty of Applied Arts and Director of Dublin Institute of Technology, Dublin/Ireland. ***“International Experience in the government support of innovation activity in the universities and their cooperation with industry”***

11:30 – 12:00

Coffee Break

12:00 – 13:00

Federal and regional programs in promoting university-industry technology transfer (continuation)

- 1.4 A.B. Pushkarenko, Head of the Committee on Science and Innovation Policy of the Tomsk Region. ***“Experience of creation and development of innovation infrastructure in Tomsk region”***.
- 1.5 S.V. Mel’chenko – General Director, Tomsk Center for Technology Transfer. ***“New methods of interaction between universities and industry in the framework of Russian legislation”***

Discussion

13:00 – 14:30

Lunch

14:30 – 16:00

Session 2: Establishing university-industry relations. (Short presentations 15 minutes each followed by group discussion)

Co-chairs:

Ellen Hazelkorn, Dean of Faculty of Applied Arts and Director of Dublin Institute of Technology, Dublin/Ireland

G.E. Dunaevsky, Vice Rector for Research, Tomsk State University

University and industry relations can vary considerably in their closeness. Industry may simply be an employer of university graduates or it may actually fund university research and education programs. This session examines some of the closer university-industry relations, with a particular focus on technical innovation, providing views from industry and universities.

- 2.1. Alistair Brett, Technology Commercialization expert of the European Union Program EuropeAid on Science and Technology Commercialization ***«The Power of Technology Commercialization Networks»***
- 2.2. R.K. Korotkov – Researcher, TTO of the Nizhnii Novgorod State University, ***“Results of technology transfer networking in Volga Federal Region”***.
- 2.3. N.E. Rodionov, Deputy Director, JSV “Ale-Si”, Tomsk . ***«Cooperation between industry and universities in the field of innovations»***

2.4. G.E.Rudenskiy, Scientific secretary for Innovation activity, ISPMS SB RAS (Tomsk). ***“Nanotechnologies: from fundamental research to industrial production. Cooperation between RAS and Universities for realization of federal and regional programs and projects”***.

2.5. E.A. Monastirniy, Deputy director, Inter-University Research and Education Center, Tomsk. ***“Innovation receptivity of industry. Experience of Tomsk and Biisk”***

16:00 – 16:30 ***Coffee Break***

16:30 – 17:30 ***Establishing university-industry relations. (continuation)***

2.6. David Giebink, Industry Program Director, CRDF. ***«Recent CRDF initiatives: Virginia-Eurasia Innovation & Investment Forum”***

2.7. Bernard Nieuwendijk, Researcher, Nikos (Dutch Institute for Knowledge Intensive Entrepreneurship), University of Twente (Netherlands),. ***“The development of a training and preparation centre for new entrepreneurial teams to adopt and exploit high potential high tech business ideas”***.

Discussion

17:30 – 18:00 ***First day closing remarks.***

19:00 ***Reception***

Friday, October 13

- 10:00 – 10:15 *Second day opening remarks. Overview of the first day.*
- 10:15 – 11:30 ***Session 3. Creation of start-ups and small companies. Cooperation between small companies, universities and industry. (Short presentations 15 minutes each followed by group discussion)***
Co-chairs:
David Giebink, Industry Program Director, CRDF
Sergey Egorov, BRHE Program Coordinator, CRDF
- This session examines how the interests and capabilities of industry are taken into consideration when start-ups and small companies are created. How and by whom the decision is taken on the alternative choice: start-up or licensing agreement.
- 3.1. M.V. Shubin, Deputy General Director, FASIE.. ***«FASIE Programs “PUSK”, “INTER” and “UMNIK” aimed at the support of innovation projects, implemented by small companies in collaboration with the universities»***
- 3.2. Valery Tolstikhin, Founder and Chief Technology Officer, OneChip Photonics Inc, Ottawa, Canada. ***“Commercialization of Innovations: a testimony by recent technology entrepreneur”***
- 3.3. Ya. B. Kovernikov, Technology Transfer Office Director, Tomsk State University,. ***“Involvement of the university and its faculty in creation and functioning of start-ups”***
- 3.4. A.A. Bulavin, Executive director, Innovation and Technology Business Incubator “Accord”, Tomsk. ***“Innovation production line: University – Incubator – Small Company – Industry – Market”***
- 11:30 – 12:00 ***Coffee Break***
- 12:00 – 13:00 ***Creation of start-ups and small companies. Cooperation between small companies, universities and industry. (continuation).***
- 3.5. Yu.A. Tkachenko, Deputy Director, TTO of Nizhnii Novgorod state University, ***“Overcoming of legal, mental and economic barriers in commercialization of technologies. Experience of NNSU”.***
- 3.6. A.V. Tyazhev, Tomsk ***“Management of innovation project: creation of the small innovation company “RID”***
- Discussion
- 13:00 – 14:30 ***Lunch***
- 14:30 – 16:30 ***Session 4: Managing contract research within a university. (Short presentations 15 minutes each followed by group discussion)***
Co-chairs:
Gerhard Kowar, OECD
S.A. Gubin, Coordinator of international programs, RF Ministry of Education and

Science

This session examines the university resources dedicated to handling industrial and government funded research contracts and how these resources are linked to the university's TTO

- 4.1. V.G. Zinov, Dean, Department of innovation technology business, Academy of national Economy, Moscow. ***“Pro-active role of TTO in developing contracting possibilities with industry”***
- 4.2. Brian Graves. Imperial College, UK. ***« Managing contract research and industrial interaction with a university »***
- 4.3. G.E. Dunaevsky, Vice Rector for Research, Tomsk State University. ***“Securing of resources for managing R&D and technology transfer in universities»”***
- 4.4. N. V. Romanova, Head of the Center of patent Service, _Saratov State University, Saratov ***« IP management for contract research»***

Discussion

16:30 – 17:30 *Final discussion. Closing remarks*

18:00 ***Closing banquet***