



The Science and Technology Center in Ukraine (STCU) is an intergovernmental organization dedicated to the prevention of the proliferation of expertise related to weapons of mass destruction (WMD).

The STCU vision: for a safer and better world, to assist former WMD experts in the transition to self-supporting, peaceful activities in the international science and business communities...and to do so using the best professional practices.

Welcome to the first issue of STCU e-newsletter designed for the science and business community in order to keep you informed with our current events, upcoming news and opportunities in the world of science and technology.

- For opportunities in Scientific Research click: <http://www.stcu.int/offer/techmatching/index.php>
- To find out more about STCU please visit <http://www.stcu.int>
- If you want to become a subscriber to the STCU Newsletter please submit request to subscriber@stcu.int

STCU took part in SVOD2007 (Silicon Valley Open Doors) in November 8-9

STCU with 3 Ukrainian scientists-entrepreneurs took part as an exhibitor in Silicon Valley Open Doors (SVOD2007, Palo Alto, CA, November 8-9), the Silicon Valley annual investment conference that brings together innovators from the former Soviet Union (FSU) countries with prominent Silicon Valley venture capital firms, leading technology and business media and top US technology companies. [read more](#)



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The STCU Chief Technology Commercialization Officer (CTCO) Initiative has expanded to Tbilisi, Georgia. Earlier this year CTCO position was established in number of Ukrainian R&D Institutes and a training course was provided to the individuals responsible for international licensing and business development in their Institutes. [read more](#)



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Upcoming events

World bank Grant Competition "Sustainable Agriculture for Development"

Grant size from \$ 50K USD to \$ 200K USD. Deadline for proposals submission is March 21, 2008. Competition guidelines and instructions in Russian are available [here](#) [read more](#)

Technology Transfer Round Table

STCU is holding a "Technology Transfer" Round Table in Kharkiv, Ukraine February 4-6. [read more](#)

GLOBE 2008 Exhibition, Vancouver, Canada

STCU will participate in GLOBE 2008 March 12-14 jointly with ISTC. STCU participants are being sponsored by Canada. [read more](#)

TechConnect Summit, Boston, USA

STCU will participate in TechConnect Summit, Boston, June3-5, 2008. [read more](#)

CTCO Round Table

CTCO Round Table in Georgia and Azerbaijan will take place February 11-15. [read more](#)

Canada-Ukraine Business Summit

STCU is participating in Canada-Ukraine Business Summit in Dnipropetrovsk on March 11-13 and Kiev on March 11-14. [read more](#)

Slovenia Conference

STCU is jointly organizing a conference with ISTC. It's title is "Thematic International Conference on Bio-, Nano- and Space Technologies" EU & Science Centers Collaboration Ljubljana, Slovenia March 10-12, 2008 [read more](#)

USDA in Georgia

Iryna Tomashevskaya (STCU Senior Specialist) is organizing a meeting with USDA representatives in Tbilisi, Georgia February 19-22, with the aim to extend USDA activities to Georgia and Ukraine and to initiate several new partner projects with Georgian and Ukrainian scientists

Market search through NERAC

STCU performs market search and analysis for selected technologies through purchased services of a database search firm, Nerac. These services have been used 11 times so far in 2007, providing useful summary market reports to recipient scientists. In one case, a Nerac report described 147 patents similar to a recipient scientist's technology, which will be important for the scientist to review to make sure that his invention is not obvious or has not already been invented. The search also yielded approximately 500 companies worldwide that have similar products, giving this scientist an idea of the potential competition.

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Useful Publications

Science & Innovation Article

Vic Korsun's DED (US) article came out in "Science and Innovations" magazine.

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The Research Sector: Global Potential, Urgent Challenges

Michel Zayet DED (EU) presented at World Bank Conference in January 23, Kiev on topic of "The Research Sector: Global Potential, Urgent Challenges"

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STCU Patent Program

Presented by Oleg Zalozhenkov Patent Officer in Conference on "Commercializing science" in Baku, Azerbaijan on October 2007.

[read more](#)

Technology Commercialization: NIS Peculiarities

Presented by Peter Melnik-Melnikov NGP Manager in Conference on "Commercializing science" in Baku, Azerbaijan on October 2007.

[read more](#)

Introduction to EU 7th Framework Program

Presented by Peter Melnik-Melnikov NGP Manager in Conference on "Commercializing science" in Baku, Azerbaijan on October 2007.

[read more](#)

STCU Partner Program

Presented by Peter Melnik-Melnikov NGP Manager in Conference on "Commercializing science" in Baku, Azerbaijan on October 2007.

[read more](#)

Article from Holos Ukraini "Нáðää÷í³ ñíðääè" ÷èííáíèèàì íá ñ äóø³

Written by Maryna Khvyulya

[read more](#)

"Technology Transfer" recommendations.

Presented at "Technology market" conference

[read more](#)

Article dedicated to the International Forum "Technology and Innovations Transfer" ("Science and Innovations" magazine). Forum Resolutions.

[read more](#)

Mr. Kolodyajny (Ukrainian CTCO) talk at "Technology Transfer" Conference December 5-6 2007.

[read more](#)

BIO 2008 San Diego, USA

Apply for travel grant for BIO 2008 Boston [here](#). You must apply directly to BII (not through SCTU)

BIO announces the 2008 BIO International Convention June 17-20 San Diego, USA to give "a unique opportunity for countries and international regions to spotlight cutting-edge technologies and a myriad of innovative practices."

[read more](#)

Visit of Canadian representatives

STCU is organizing a Canadian Delegation visit to Ukrainian Institutes and Ministry of Health of Ukraine with the aim to discuss potential collaboration in the area of biological non-proliferation between Canada and Ukraine and to tour facility to complete a needs assessment. List of Institutes: Central Sanitary Epidemiological Station (Kiev); Lviv Scientific Research Institute Epidemiology and Hygiene (Lviv); Lviv Province State Sanitary-Epidemiological Center (Lviv); Anti-Plague Research Institute (Odessa).

Useful Links

ASTP - Association of European Science & Technology Transfer Professionals

<http://www.astp.net>

The National Academies Press

<http://orsted.nap.edu/>

NNO Group - innovation excellence

www.inno-group.com

AEA group

AEA is a leading international company specialising in consultancy, policy support and programme management for policy implementation

www.aeat.co.uk

TNO - Kennis voor zaken

TNO is applied research company in the Netherlands

www.tno.nl

Google Publication Search

<http://scholar.google.com.ua>

Google Patent Search

<http://www.google.com/patents?hl=en>

STCU Calendar

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Russian Venture Company (RVC), whose charter is to foster technology entrepreneurship in the country, announced at SVOD a significant expansion of the program from US\$600 million to more than US\$1.25 billion. _

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The STCU Chief Technology Commercialization Officer (CTCO) Initiative has expanded to Tbilisi, Georgia. Earlier this year CTCO position was established in number of Ukrainian R&D Institutes and a training course was provided to the individuals responsible for international licensing and business development in their Institutes. CTCO Institutes in Georgia:



- Andronikashvili Institute of Physics
- Georgian Technical University
- Institute of Cybernetics
- Agladze Institute of Inorganic Chemistry & Electrochemistry
- Durmishidze Institute of Biochemistry and Biotechnology
- Tsulukidze Institute of Mining
- Tavadze Institute of Metallurgy and materials Science
- Vekua Sukhumi Institute of Physics and Technology
- Eliava Institute of Bacteriophages, Microbiology and Virology
- The Tbilisi Javakishvili State University
- The Ilia Chavchavadze State University
- The Research Institute of Agrarian Radiology and Ecology

A training course on technology management for Georgian scientists was jointly developed by three organizations: Georgian National Intellectual Property Center, National Institute of Intellectual Property and Law (Ukraine) and Center for Small Business Development "Kharkiv Technologies" (Ukraine). Ukrainian and Georgian experts offered to the audience lectures, role plays and case studies on innovation activity and intellectual property management, in particular, business plan writing, technology cost evaluation, negotiation of a licensing agreement, etc. Georgian scientists showed a great interest in the course and in further training on commercialization, as well as in future cooperation with Ukrainian IPR experts. They report to be using the acquired knowledge and skills to conduct technological audit in their Institutes and commercialize chosen technologies. A follow-up training session is planned for Jan 2008 to review and assess their homework assignments. _

CTCO Training in Baku, Azerbaijan was held on December 5- 20

STCU holds CTCO course in Baku, Azerbaijan. This continues the expansion of the successful Chief Technology Commercialization Officer (CTCO) Program first established in Ukraine in April, 2007 and then in Georgia in November, 2007. Under the CTCO Program, the following 13 Azeri institutes signed Memorandums of Cooperation with STCU. CTCO Institutes in Azerbaijan:

- Institute of Physics
- Institute of Chemical Additives
- Institute of Microbiology
- Institute of Zoology
- Institute of Botany
- Institute of Geology
- Inst. of Chemical Problems
- Institute of Polymers
- Institute of Radiating Problems
- Institute of Ecology
- Institute of Mathematics
- Institute of Petro-Chemical Processes
- Institute of Information Technologies



Under this program the institutes have established a new position of Chief Technology Commercialization Officer. A CTCO is envisioned as a focal point and as a resource to pro-actively identify (i) the needs of potential customers and (ii) the possible means to satisfy those customer needs by offering useful technological solutions and improvements, while bringing the institute's innovative products and technologies to the market.

As a first step of the CTCO program in Azerbaijan STCU conducted 12 full-days of the training course in Baku on December 5-20. The course program was the similar to the one in Ukraine and Georgia, which were conducted earlier this year.

The training was delivered by Elhan Mammedov, Alida Mahmudova, experts of Azerbaijan Bank Training Center, Pavlo Tsybulev - the National Institute of Intellectual Property and Law (Ukraine), and Volodymyr Gusev - the Center for Small Business Development "Kharkiv Technologies" (Ukraine). There were 20 participants (newly appointed CTCOs), 2 STCU's staff and 2 representatives of State Agency on Standardization, Metrology and Patenting of Azerbaijan joined last session of training on Intellectual Property rights.

During the course Nina Formby representative of European Patent Office (www.epo.org) made presentation about EPO. She attended the course together with representative of State Agency on Standardization, Metrology and Patenting of Azerbaijan and a lawyer from London Intellectual Property Court. Participants of course had an opportunity to ask them questions and CTCO's used the opportunity very effectively.

One important result of the course is that Chief Technology Commercialization Officers initiated creation of the Centre of Commercializing and Technology Transfer in Azerbaijan. Academician Arif Mamed oglu Gashimov -Vice President of National Academy of Sciences of Azerbaijan personally has visited training place and participated in one of the sessions. During this meeting the main results of the training were discussed. Mr. Gashimov expressed his satisfaction for the subjects of the training course, activity of participants and has supported idea of creation the Centre of Commercializing and Technology Transfer in the Academy of Sciences of Azerbaijan.

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Market search through NERAC

Nerac began operating in 1966 as the New England Research Application Center, an experimental collaboration between the University of Connecticut and the National Aeronautics & Space Administration (NASA). Over time, Nerac broadened its technology resources to encompass the full spectrum of engineering, scientific and business disciplines. In 1985, Nerac separated from the University of Connecticut and incorporated under the name Nerac, Inc. Having succeeded in its NASA-sponsored mission, Nerac severed its ties with NASA in 1991. Today, Nerac provides customized research services for clients across all industrial sectors. Combining a powerful search engine and a dedicated computing environment, Nerac's Analyst's use international engineering, scientific, patent and business databases as well as professional contacts to provide individualized research answers and alerts. Nerac has grown from a trial-run experiment to a multi-million dollar corporation. As our services, partnerships and client base continue to grow, we are focused on the future. The methods we use to conduct business may change, but the goal remains the same: deliver results our clients need to foster their growth and success.

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World Bank Offering US\$4 Million in Grants for Innovations in Agriculture

Washington, DC January 22, 2008 - The 2008 Global Development Marketplace (DM2008) competition was launched today, offering \$4 million in grants to social entrepreneurs with innovative ideas that have potential for high impact in promoting sustainable agriculture.

The competition this year is focused on the theme of "Sustainable Agriculture for Development." It is asking participants to focus on solutions to agricultural challenges in developing countries such as linking small-scale farmers to markets; improving land access for poor farmers; and promoting the environmental services of agriculture in addressing climate change and biodiversity conservation.

DM2008 awards will support 25-30 of the most innovative ideas that advance sustainable agriculture in developing countries. Typically, DM competitions attract close to 3,000 applicants, which are then narrowed down to about 100 finalists. Finalists of DM2008 will be invited to the competition's Marketplace event in Washington, September 24-25, to compete for grants and participate in knowledge exchange activities.

"The Development Marketplace has proven to be an effective mechanism for identifying innovative projects with great development potential," said **Katherine Sierra, Vice President of the Sustainable Development Network, who oversees the World Bank's agriculture portfolio.** "Tapping into that resource is a valuable opportunity to identify and support emerging ideas within sustainable agriculture."

Global DM competitions are held every 12 to 18 months. Since 1998, they have awarded more than \$30 million to nearly 300 projects worldwide. Past competitions have identified and funded innovative ideas including: a new water pump in Zimbabwe made from common waste materials; promoting literacy in India by placing same language subtitles on popular Hindi music videos; and creating an agriculture e-marketplace that provides price updates via cell phone text messaging to small farmers in the Philippines.

As a seed-funder, The Development Marketplace serves as a launching pad for projects to prove their concept, scale-up, or replicate. In the words of Trevor Field, a winner from the 2003 competition: "Without [Development Marketplace] funding, we'd still be in our infancy. Now we can fly."

The themes of DM2008 stem from the recently published World Development Report (WDR) 2008. Sierra said the WDR renews the consensus on the positive role that agriculture can provide as an engine of growth, an instrument of poverty alleviation, and as a provider of environmental services.

Eligibility criteria, competition guidelines and step-by-step instructions are available in Arabic, Chinese, English, French, Portuguese, Russian and Spanish at the DM website: www.developmentmarketplace.org. Proposals will be accepted in English only through March 21, 2008 (23:00 GMT).

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TechConnect Summit, Boston, USA

The STCU helped to prepare and submit 15 IP descriptions and 3 executive summaries of business plans to the TechConnect Summit for their review.

The TechConnect Summit (Boston, MA, June 3-5, 2008 www.techconnect.org) is focused on bringing together the world's top technology transfer offices, companies, and investment firms to locate the most promising technologies and early stage companies from across the globe. The TechConnect is collocated with, and programmed in conjunction with the NSTI Nanotech 2008, Clean Technology 2008, and NSTI BioNano 2008 Conferences and Trade Shows.

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Thematic International Conference on Bio-, Nano- and Space Technologies, E U & Science Centers Collaboration Ljubljana, Slovenia March 10-12, 2008

A Thematic International Conference on Bio-, Nano- and Space Technologies will be held in Ljubljana, Slovenia, March 10-12, 2008 during the Slovenian Presidency of the EU. It will combine several thematic areas presentations throughout a period of 3 days. Also it shall offer opportunities for meetings with companies and visits to Laboratories situated in Jozef Stefan Institute (the Conference venue).

It is intended for Scientists from National Laboratories and Institutes, Government Agencies, University Professors, Private Company representatives, International Organizations, and Embassies. EU & Science Centers Collaboration will be encouraged by the presence of a High Representative from European Commission, Mr. Janez Potocnik, EU Commissioner for Science and Research.

The main purpose is to foster promotion of civilian research capabilities of former weapon scientists from STCU and ISTC. Additionally, it aims at facilitating linkages for better and stronger collaborative research ties.

For all the information on this event, please visit: <http://www.stcu.int/SLOVENIA/>

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