



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). STCU assisting Azerbaijan, Georgian, Moldavian, Ukrainian and Uzbek scientists in their integration into the international science community

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 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 STCU 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>
- To become a subscriber to the STCU Newsletter please submit request to [subscriber@stcu.int](mailto:subscriber@stcu.int)

#### STCU Holds Round Table on Commercialization of R&D in Chisinau, Moldova



On 21 October, STCU held a round-table event, "Commercialization of R&D, STCU Programs and Initiatives" in Chisinau, Moldova. Dr. Ion Tiginyanu (Vice-President, Academy of Sciences of Moldova) and Dr. Chenadie Cernei (General Director, Agency for Innovation and Technology Transfer, Academy of Sciences of Moldova) opened the event. STCU DED (US) Vic Korsun and other STCU staff gave presentations on technology transfer, patenting, IPR, and commercialization of science research. Also presented was information on STCU supplemental programs that help participating scientists in protecting and exploiting their research results. This round-table event kicked-off one of the STCU programs in Moldova: the Chief Technology Commercialization Officers (CTCO) Program. The CTCO Program—a program to improve institute self-sustainability through the training of technology transfer officers—has been in operation in Ukraine, Georgia, and Azerbaijan.

#### Useful Links

Google Publication Search  
<http://scholar.google.com.ua>

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

Google Book Search  
<http://books.google.com/>

Scirus - the most comprehensive scientific research tool on the web. It allows researchers to search for journal content and also scientists' homepages, courseware, pre-print server material, patents and institutional repository and website information.  
<http://www.scirus.com/?b>

Ukrainian Association of business-angels  
<http://www.uaban.org/businessman.html>

The National Academies Press  
<http://orsted.nap.edu/>

INNO Group - innovation strategies for government organizations. Inno group designs and implements innovation strategies for Regions, States and international and government organisations  
[www.inno-group.com](http://www.inno-group.com)

AEA group for energy policy  
AEA is a leading international company specializing in consultancy, policy support and program management for policy implementation. leading authority on the environment. AEA works with governments to help define and develop policy, and within the UK alone, AEA have saved industry several billions of dollars.  
[www.aeat.co.uk](http://www.aeat.co.uk)

The International Conference for Central and Eastern Europe, Balkans, Caucasus and Baltic States on "Science and Education Policies"



The International Conference for Central and Eastern Europe, Balkans, Caucasus and Baltic States on "Science and Education Policies" was held in Chisinau, 18th – 21st September 2008. The event was organized by the Academy of Sciences of Moldova and the Ministry of Education and Youth of the Republic of Moldova and brought together leaders and policy makers at the highest levels in science and education from across the region as well as representatives of the European Commission. The agenda focused on a variety of topics, including:

- Strengthening international impact of national research and education policies
- Developing a knowledge-based economy
- Stemming and reversing brain drain.

Dr. Landis Henry STCU Deputy Director (Canada) made a presentation on how the programmes at the Centre have played an important role in stemming brain drain in the former Soviet Union.

The results of the Conference (Declaration & Final Communiqué), as well as the presentations made during the event, are available on the website of the [Academy of Sciences of Moldova](http://www.acadsci.md/)

"Innovations" Internet magazine in Russian  
<http://mag.innov.ru/>

Nano information in Ukraine  
<http://www.nanosvit.com>

Nanotechnology in Ukraine  
<http://www.nano.com.ua/>

"LEX" Research Information - Analytical Center provides information exchange, convenient for developers, vendors and buyers of technical solutions between Ukraine and international states  
<http://lexltd.com.ua>

WizFolio Web 2.0  
Software release which manages full patent and journal portfolio on a convenient web-based platform  
<http://www.wizfolio.com/>

European Union Science Advisors Meeting, Kyiv, 28 October, 2008



During a one-day meeting in Ukraine, EU Science Advisors Professor Andre Syrota (General Director of INSERM), Dr. Helmut Holtbecker, Mrs. Estelle Emeriau, and Mr. Jurgen Sanders (of the European Commission Directorate General for Research) discussed STCU project proposals for the upcoming 27th STCU Governing Board Meeting, as well as scientific and thematic priorities for possible future STCU programmatic focus. The event took place along with meetings with the STCU

Management, the National Academy of Sciences of Ukraine, and with several visits to Ukrainian institutes. The EU Science Advisors assist the STCU Secretariat and European Commission in facilitating scientific reviews of project proposals and the smooth running of proposals processing system. They screen the European-based scientific assessments of proposals, and after analysis, provide scientific policy advice on the fields covered by the STCU.

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STCU Governing Board 27 held in Kyiv, November 20th, 2008



The 27th Meeting of the STCU Governing Board convened on 20 November 2008 at the Ministry of Education & Science of Ukraine (Kyiv, Ukraine), and approved 17 regular science projects (including continuations) totaling US\$877,075 and €1,695,033. The Governing Board also approved 9 new Partner Projects and 12 Partner Project extensions, all totaling approximately US\$2,101,189 and €292,800.

Further, the Governing Board approved 7 co-funded Azeri science projects from the second round of the Targeted R&D Initiative program between STCU and the Azeri National Academy of Sciences (totaling US\$295,824 and €38,338 from STCU, which will be matched by an equivalent amount of Azeri funds). The Board also approved initiating new Targeted Initiative rounds for 2009 with Ukraine and Georgia, and expresses its willingness to initiate a new Targeted Initiative agreement with the Moldova in 2009.

In other business, the Governing Board welcomed Mrs. Anneli Pauli (Deputy Director General for Research, European Commission) as its new Chairperson, appointed Dr. Igor V. Lytvynov as the new STCU Senior Deputy Executive Director (Ukraine), and approved the STCU administrative operating and supplemental budgets for the 2009 fiscal year.

The STCU Governing Board also discussed the near-term relocation of the STCU headquarter offices to a temporary location on the campus of Kyiv Polytechnic Institute in Ukraine, as well as the conditions for this relocation and plans for a future permanent site for the STCU offices. All the Governing Board members expressed their strong support for STCU and their desire to have STCU operations continue without disruption during these near-term and future office relocations.

Further details and documents from the 27th Meeting of the STCU Governing Board can be found in the Governing Board section of the [STCU Web Site](#).

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## EU-CIS Seminar - New Trends in Infectious Diseases, Lyon, France, 26-28 November 2008



On 26-28 November 2008, STCU co-organized the EU-CIS Seminar - New Trends in Infectious Diseases in Lyon, France, on the occasion of the French EU Presidency. The event was attended by over 70 Scientists, and included participants from the International Science and Technology Center ([www.istc.ru](http://www.istc.ru)) as well as a representation of French, European, and international experts (e.g., World Health Organization). STCU proposed 7 presentations from project participants

located in Azerbaijan, Georgia and Ukraine. On 28 November, STCU Deputy Executive Director Michel Zayet (EU) led a group visit and potential partnership discussions with the biotechnology cluster, Lyon Biopole ([www.lyonbiopole.org](http://www.lyonbiopole.org)), allowing for establishing first hand contacts. All the conference details are available from STCU Website page : [www.stcu.int/lyon2008](http://www.stcu.int/lyon2008)

Contact Person : Ms. [Elena Shelest](#)

[See additional photos](#)

## STCU scientists Participate in Seed Forum in Kyiv November 27, 2008



Ukrainian scientists with start-up companies in Ukraine took part with their 7 minute pitch presentations in Seed Forum in Kyiv on November 27. The investment forum was organized by Seed Forum International Foundation ([www.seedforum.org](http://www.seedforum.org)), which is a not-for-profit organization working out of London. This event took place in Ukrainian Chamber of Commerce with evening reception at the Norwegian Embassy in Kyiv. Presentations for investors and business Angels were delivered by 3 Norwegian and 4 Ukrainian companies. Some of the Ukrainian start-up companies have received financing from STCU -- namely, Avante - alternative energy sources [www.avante.com.ua](http://www.avante.com.ua), Agrobiotech - plant growth regulators [www.agrobiotech.com.ua](http://www.agrobiotech.com.ua), and Dnipro-MTO - cryogenic equipment <http://dnipromto.business-guide.com.ua/>

The Seed Forum process has the objective of helping early entrepreneurs through training and investor matchmaking opportunities with investors. Seed Forum gives start-up companies seeking capital a unique opportunity to present their business concepts to investors by facilitating such international and local investor matchmaking forums. The companies presenting to investors are nominated, selected and trained in the Seed Forum process so that the companies are investor-ready when they present to investors. The mission of Seed Forum is to create a global investor matchmaking market place for seed and venture capital without national or regional borders. Seed Forum International Foundation is currently conducting investor matchmaking forums in 17 countries in Europe, North America and Asia.

### Useful Publications

STCU Annual Report 2007 is now published.

[Please follow the link to download its electronic version](#)

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The Promise and Power of RNA. RNA interference, or RNAi, discovered only about 10 years ago, is attracting huge interest for its seeming ability to knock out disease-causing genes. There are already at least six RNAi drugs being tested in people, for illnesses including cancer and an eye disease. "This is potentially the biggest change in our understanding of biology since the discovery of the double helix," said John S. Mattick, a professor of molecular biology at the University of Queensland in Australia. The practical impact may be enormous. And there are still huge challenges to surmount.

[Read the story](#)

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IBM to build brain-like computers. IBM has announced it will lead a US government-funded collaboration to make electronic circuits that mimic brains.

[read more](#)

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Living with AIDS, by Nataliya Bugayova, Published: December 3, 2008 in KyivPost

[read more](#)

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Read about the development of a technology for joining glass-glass and glass-ceramics parts with zero thermal expansion, described in the journal article: Opt. Eng., Vol. 47, 023401 (2008); DOI:10.1117/1.2857413

[read more](#)

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Newsletter Editing Committee:

Olga Semchuk - [olga.semchuk@stcu.int](mailto:olga.semchuk@stcu.int)

Tatyana Illiyash - [tatyana.illiash@stcu.int](mailto:tatyana.illiash@stcu.int)

Oleg Zalozhenkov - [oleg.zalozhenkov@stcu.int](mailto:oleg.zalozhenkov@stcu.int)

For comments and suggestions please send to Editing Committee

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