



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

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STCU offices in Kyiv, Ukraine are moving. The new STCU headquarters will be at #7a Metalistov Street, 5th floor, in a building on the KPI - Kyiv Polytechnic Institute campus. Additional information will soon be provided.

STCU Attends Nuclear Forensics Workshop in Karlsruhe, Germany



On 2-4 December, STCU participated in a workshop on "Nuclear Forensics and Law Enforcement" for Caucasus countries, held in Karlsruhe, Germany. The event was organized by the U.S. Department of State in collaboration with the Institute of Transuranium Elements (Karlsruhe) and the International Science and Technology Center (ISTC). Approximately 80 participants from 9 countries attended this workshop, including scientific delegations from STCU-Recipient countries Azerbaijan and Georgia. International and regional cooperation in nuclear forensics, and the need to improve

Upcoming events

March 17-19th, 2009

Americana Environmental Exhibition Canada, Montreal. STCU will send delegation of scientists jointly with ISTC. STCU point of contact is Landis Henry.

March 31 in Baku, and April 2 in Tbilisi CTCO meetings to discuss topics related to technology transfer. STCU point of contact is Tatyana Illyash.

April 20 -24th, 2009

In 2009 HANNOVER MESSE will maintain its broad international scope and focus on issues of major importance for technology. For instance, the new trade show "Wind" will ensure that renewable energy receives the attention it deserves

[Read more](#)

April 28 -30th, 2009

Chemistry Biology Meeting in Ottawa, Canada STCU delegation to participate. STCU point of contact is Landis Henry.

May, 2009

Visit to Kyiv by Representative of Canada NRC (National Research Council) IRAP (Industrial Research Assistance Program) to discuss partnering opportunities in Canada. STCU point of contact is Landis Henry.

June 4th and 5th, 2009

Technology Workshop in Tbilisi, Georgia. STCU participants to contact [Michel Zayet](#).

July19 - 22, 2009

World Congress on Industrial Biotechnology & Bioprocessing Meeting in Montreal, Canada STCU delegation to participate. STCU point of contact is [Landis Henry](#).

Useful Links

forensic technology and capabilities, is a priority issue for many nations in the fight against nuclear material smuggling. This workshop brought together regional law enforcement, nuclear regulatory officials and nuclear scientists to discuss basic principles of nuclear forensics; applications of nuclear forensics into national response plans to nuclear/radioactive smuggling; and development of research projects related to improving nuclear forensic capabilities.

During the workshop, the STCU-hosted Azeri and Georgian delegations developed preliminary proposals for possible STCU projects in the sphere of nuclear forensics.

STCU Roundtable Workshop on Technology Transfer in Chernivtsi in Ukraine



On 17 October, STCU held a round-table event, "Commercialization of R&D, STCU Programs and Initiatives" at the Yuriy Fedkovych Chernivtsi National University (Chernivtsi, Ukraine). 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. It was one in the series of round-tables conducted earlier by STCU in Kyiv, Kharkiv, Lviv. The Program of the round-table from STCU side was following:

- Commercializing Intellectual Property: New Opportunities Vic Korsun, STCU Deputy Executive Director (USA)
- STCU Patent Program Oleg Zalozhenkov, STCU Patent Officer
- Technology Commercialization: NIS Peculiarities, Introduction to EU 7-th Framework Program, STCU Partner Program Peter Melnik-Melnikov, STCU Non-Governmental Partnership Manager

The Program of the workshop also included presentation about Chernivtsi National University innovation potential.

Chernivtsi TV News report (October 17, 2008) about STCU Roundtable Workshop on Technology Transfer in Ukraine
[See the video](#)

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

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

"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>

STCU DED (US) Vic Korsun met with Rector Stepan Melnichuk and Vice-President (Research) Oleksandr Ushenko.



On October 17 2008, during a round-table "Commercialization of R&D, STCU Programs and Initiatives" at the Yuriy Fedkovych Chernivtsi National University (Chernivtsi, Ukraine) STCU DED (US) Vic Korsun met with Rector Stepan Melnichuk and Vice-President (Research) Oleksandr Ushenko

STCU Signed Memorandum Of Understanding With National Science Center "Kharkiv Institute Of Physics And Technology" And Holds Tech. Transfer Seminar



Under its Chief Technology Commercialization Officer (CTCO) Program STCU signed Memorandum of Understanding with National Science Center "Kharkiv Institute of Physics and Technology".

On November 26, a round table "Commercialization of R&D" was conducted in the Institute. Scientists from Scientific and Technological Corporation "Institute for Single Crystals" also participated in the event.

Vic Korsun, STCU Deputy Director (USA) made 2 presentations: "Chief Technology Commercialization Officer or Technology Transfer & Commercialization through International Collaboration in Ukraine" and "Commercialization of Intellectual Property, New Possibilities".

STCU sponsored Sergiy Pugach, newly appointed CTCO from National Science Center "Kharkiv Institute of Physics and Technology" to take part in Seed Forum, Kyiv November 27, 2008.

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

Young Scientists Conference in Kharkov



During the Young Scientists Conference STCU staff and visitors were given a tour of the famous Ukrainian laboratory known as Buran, Kvar and Tornado. This important laboratory is unique in the world, equipped to make Cryo-magnetic Radio-spectroscopy measurements in the millimeter waveband (EHF frequencies 60-150 GHz, at temperatures from 0.3K to 150K, under magnetic fields).

On November 25, Vic Korsun took part in VIII Kharkiv Young Scientists conference on "Radiophysics and electronics, biophysics", Usikov Institute of Radio physics and Electronics, Kharkiv. For more information about the conference please visit: <http://www.ysc.org.ua/index.php>
Please see Vic Korsun's presentation "[Technology Transfer, Innovation and Entrepreneurship Or How You Can Make a Difference](#)".

Useful Publications

LED lights are seen as a bright new wave for the future and many companies are working on developing LED's that are cheap, reliable and long-lasting, however, so far the products have not been adequate according to the US Department of Energy. This may be an opportunity for semiconductor device producers and innovators to produce such a new light source based on LED's or some other efficient light source.

[Read the article](#)

\$200 Laptops From Taiwan Can Break a Business Model and reset the economics of high-tech computing and other high-tech products. With the global economic crisis gripping all countries around the world new business models need to emerge in a period where each of us wants to do more with less, in all spheres - high tech, medicine, agriculture, manufacturing. Such a situation can bring new technology opportunities for those who are ready.

[Read the article](#)

President Obama will invest seriously in the Green Economy, he declares in his Inaugural Address.

[Read article in Russian](#)

Apple's first Macintosh turned 25 on January 24. The desktop computer debuted in 1984 and kicked off a product line that became Apple's flagship computers for many years.

[Enjoy the article and see the video on the link](#)

Apple co-founder Steve Wozniak talks about the company's early days and why Apple founders got 'fired-up'.

[See the video](#)

Europe's biggest space company, EADS Astrium, has purchased UK satellite maker SSTL - Surrey Satellite Technology Limited. SSTL started out as a spin-out company from the University of Surrey in 1985 and it has become the world's leading manufacturer of small satellites, producing low-cost platforms for Earth observation missions. The £40-50m "landmark deal" would provide the financial and industrial resources required for SSTL's expansion and future development.

[To read more](#)

Passive Houses With No Furnace but Plenty of Heat built in Germany use only about 5% of energy needed by other similar houses.

[Read article](#)

Spread of Malaria Feared as Drug Loses Potency. A technological opportunity exists to fight this new form of malaria. The parasite that causes the deadliest form of malaria is showing the first signs of resistance to the best new drug against it -- combination treatments using artemisinin, an antimalaria drug extracted from a plant used in traditional Chinese medicine, have been hailed in recent years as the biggest hope for eradicating malaria from Africa, where more than 2,000 children die from the disease each day.

[Read the article](#)

European Commission has called for a global carbon trading market as part of a plan to tackle climate change.

[Read article](#)

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