



incrEAST Newsletter

28th February 2010

Information Exchange in Science and Technology between the European Research Area and Eastern European/ Central Asian Countries

incrEAST is an information platform designed to intensify international cooperation in science and technology. The aim is to facilitate the networking of research organizations and institutions in the countries of Eastern Europe / Central Asia (EECA) and the European Union and to promote scientific dialogue between EECA countries and EU Member States and the European Research Area.

This incrEAST **Newsletter** provides information about activities in EECA countries and in the European Union. The platform **incrEAST** offers regular, detailed and up-to-date information about the most important developments in the area of science and technology. The comprehensive information is normally in English, the Russian version offers mostly just at least a summary of the content.

28 февраля 2010

Обмен информацией в области науки и технологии между Европейским исследовательским пространством и странами Восточной Европы и Центральной Азии

incrEAST - информационная платформа, созданная для укрепления международного сотрудничества в области науки и технологии. Ее цель состоит в содействии развитию сотрудничества между научными организациями и учреждениями в странах Восточной Европы и Центральной Азии (ЕЕКА) и Европейского Союза, а также в поддержке научного диалога между странами ЕЕКА, государствами-членами ЕС и Европейским исследовательским пространством.

Информационный бюллетень **incrEAST** представляет информацию о событиях в странах ЕЕКА и Европейского Союза. Платформа incrEAST предлагает систематическую, подробную и актуальную информацию о самых важных разработках в области науки и технологии. Обширная информация обычно представлена на английском языке, русский текст предлагает главным образом лишь краткое изложение.



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XI Международная научная конференция ГУ-ВШЭ по проблемам развития экономики и общества, 6 – 8 апреля 2010 года, Москва, Россия

- **VII Moscow International Chemistry Forum, 18-19.03.2010, Moscow, Russia** 22

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- **The Russian Academy of Sciences and The Academy of Sciences of Poland announce open Call “Best cooperation of Russian and Polish scientists”, 18.01.2010**

Российская и Польская Академии Наук объявляют конкурс на соискание премий РАН и ПАН за лучшие совместные работы российских и польских ученых, 18 января 2010 г.

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Первое число аналитического информационного бюллетеня в коммуникации и информационной сфере «ICTNEWS» было издано 18.01.2010.

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International Bureau of the Federal Ministry of Education and Research (BMBF)

Heinrich-Konen-Str. 1
53227 Bonn

Phone: +49 228 / 3821-503

Fax: +49 228 / 3821-444

E-Mail: increast@dlr.de

WWW: www.internationales-buero.de/

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Выходные данные

Международное бюро Федерального министерства образования и научных исследований (BMBF)

Heinrich-Konen-Str. 1
53227 Bonn

Телефон: +49 228 / 3821-477

Факс: +49 228 / 3821-444

Электронная почта: increast@dlr.de


WWW: www.internationales-buero.de/en

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ACCESSRU - supporting the access of EU researchers to the Russian Federation

ACCESSRU is one of 11 recently launched projects supporting the access of EU researchers to third country S&T programmes. Scientific ties between Europe and Russia has always been very tight: Russia has 16 ongoing bilateral S&T cooperation agreements with the Member States and Associated Countries.

 **ACCESSRU** - один из 11 недавно начатых проектов, поддерживающих доступ исследователей ЕС к третьей стране программы S&T. Научные связи между Европой и Россией всегда были очень напряженны: Россия имеет 16 продолжающихся двусторонних соглашений сотрудничества S&T с Государствами - членами и Связанными Странами.

A cooperation agreement with the European Commission aims to create a common space in which their respective research communities could work together in key strategic areas. However, preliminary investigations done by the ACCESSRU partners, demonstrated three main obstacles:

- a lack of information about Russian research programmes
- linguistic barriers and
- financial and legal issues, which can make the access of the European research organizations to the Russian programmes complicated.

Consequently, the ACCESSRU support action is inspired by the need to improve the S&T cooperation instruments between the EU and its strategic partner - Russia, namely by facilitating the access to knowledge and resources and by developing reciprocity aspects of the S&T agreements.


ACCESSRU has the following objectives:

- To assess access opportunities in Russia for EU organizations , by screening of Russian S&T landscape and identifying common challenges, needs and opportunities in S&T in both sides;
- To raise awareness on access opportunities in Russia amongst European research organizations and to stimulate, encourage and facilitate the participation of European organizations in Russian programmes;
- To enhance the S&T policy dialogue and to formulate the strategic recommendations on scientific collaboration between Europe and Russia, ensuring the reciprocity issues.

More information about ACCESSRU is available on the [project's website](#).

Source: ACCESSRU

 **Policy dialogue with EECA Stakeholders in ICT for enhancing R&D cooperation and shaping the EU policy in the region starts from Belarus**

 Диалог со странами Восточной Европы и Центральной Азии по вопросам научно-технической политики в сфере информационных и коммуникационных технологий с целью расширения сотрудничества и формирования политики взаимодействия ЕС с регионом начинается с Беларуси

EXTEND project of the FP7, “Extending ICT research co-operation between the European Union, Eastern Europe and the Southern Caucasus”, <http://www.extend-ict.eu> addresses the need for well-defined future research priorities that will enhance scientific and research cooperation between the EECA countries and the EU specifically in the theme of **Information & Communication Technologies** (ICT). Also, it aims to contribute to the shaping of EU ICT research policy in the region, in a way that meets the interests and actual needs of regional ICT stakeholders.

In order to accomplish the above objectives, a **broad consultation will take place between March and July 2010**, which will result in recommendations on common ICT research priorities for strengthening the co-operation between the EU and EECA countries. In this consultation, all regional ICT stakeholders will play an active role in defining the future ICT research priorities of their countries including: national RTD policy-makers (e.g. ministry official responsible for ICT research policy), research actors (academic, not-for-profit, private), ICT industrial actors as well as representatives of ICT beneficiary communities.

The main outcome of the consultation will be a **Policy Paper** with “Recommendations for shaping ICT research co-operation between the EU, Eastern Europe and the Southern Caucasus for the period 2010-2015” to be delivered to the European Commission with the aim to influence EU research policy in the region and provide input for the next calls for proposals of the ICT theme of the FP7.

EXTEND will organize a series of consultation workshops in the following countries: Belarus, Ukraine, Azerbaijan, Moldova, Armenia, Georgia.

The first consultation workshop will take place in Minsk, Belarus on 11 March 2010 in the conference hall of “Planeta” Hotel, 31, Pobediteley ave.

Workshop local organizer:

Dr. Tatyana Lyadnova, ICT NCP, EXTEND partner,

Belarusian Institute of System Analysis and Information Support of Scientific and Technical Sphere

Tel.: + 375 17 2031016; Fax: + 375 17 2033139

E-mail: tlyadnova@fp7-nip.org.by

The schedule for the other EECA countries and more information about how the policy dialogue is going to be organized is available at <http://www.extend-ict.eu/node/405>.



Belarus and Kazakhstan discussed S&T cooperation for 2010-2011



Определены направления научно-технического сотрудничества Беларуси и Казахстана на 2010-2011 годы

The bi-lateral program of S&T cooperation for 2010-2011 between Belarus and Kazakhstan was approved in Minsk at the end of 2009 at the meeting of Joint Commission for S&T Cooperation.

It foresees the implementation of joint Belarusian-Kazakh projects including the development of new materials, nanotechnologies and nano-materials, biotechnology, information and space technologies, and also environment. One of the most prospective projects is carried out jointly by the Institute of Physics of the National Academy of Sciences of Belarus and Institute of Experimental and Theoretical Physics, Kazakh National University. The project investigates creation of plasma-dust structures in gas discharges. Its results will be used in nano- and microelectronics.

Besides, the parties have agreed to develop the joint network of technology transfer, exchange of the information concerning development and implementation of the state policy in science, technology and innovation, render consultancy and information support for researchers who take part in joint actions.

Source: BelTA



Computing Center of the Union State of Belarus and Russia in Nanotechnologies will be created in 2012



Вычислительно-информационный центр Союзного государства по нанотехнологиям будет создан в 2012 году

Within the framework of the joint Belarusian-Russian Program “Nanotechnologies – US” supported from the budget of the Union State of Belarus and Russia in 2009-2012, it's planned to set up a Computing Center of the Union State of Belarus and Russia in Nanotechnologies. This Program is aimed at developing nanotechnologies and nanocomponents of board computers of space apparatus, and also different nanosensors and nanotransmitters. The main idea is to decrease mass and size of satellites. Besides, new materials for electronics, medicine and transport will be developed.

The Center will include a data base on nanotechnologies and computer resources for calculating characteristics of nanomaterials. Information about patents, companies and latest developments will be available not only for researchers but also for interested parties from different sectors of the economy of Belarus and Russia. The first small part of the Center will be launched in 2010.

More information: <http://www.bybanner.com>

Source: [BelTA](#)



National Academy of Science of Belarus and “RosNanoTech” Corporation, Russia are going to create a joint production of devices using polymer fibers in Belarus



Национальная академия наук Беларуси и корпорация «РоснаноТех» планируют организовать в Беларуси совместное производство устройств с использованием полимерных волокон

According to Prof. Sergey Rakhmanov, Deputy Chairman of the Presidium of the National Academy of Science of Belarus (NAS), the NAS and Russian Corporation “RosNanoTech” are going to create a joint production of devices using polymer fibers.

“RosNanoTech” has analyzed Belarusian developments in nanotechnologies which might be prospective for the Russian market. As a result, the one mentioned above has been chosen. Later, it has passed through three stages of assessment. At the moment, the idea of creating a production in Belarus with appropriate investment from Russia is being considered by the top-managers of “RosNanoTech”.

Polymer fibers have got the ion-exchange and filter characteristics simultaneously: they stop the dust and exchange harmful ions to the useful ones. Based on these fibers which are produced in a few countries including Belarus, unique devices for water processing could be developed for wide range of home and industrial utilization.

“We suppose to implement this project jointly with Russian colleagues and produce large quantities of devices for domestic markets, and also for export. We plan to start the project this year,” - Prof. Rakhmanov said.

Source: <http://www.soyuz.by/>



Russia and Belarus work on creating a united scientific-educational space


"The Russian Federation and the Republic of Belarus will continue an active work on creating a united scientific-educational space", - marked the Minister of education and science of the Russian Federation Andrei Fursenko on October, 26, 2009, at the joint meeting of the boards of the Ministry of education and science of Russia, the Ministry of education of Belarus and the SCST of Belarus.



Россия и Беларусь работают над созданием единого научно-образовательного пространства

Российская Федерация и Республика Беларусь продолжают активную работу по созданию единого научно-образовательного пространства", - отметил Министр образования и науки Российской Федерации Андрей Фурсенко 26 октября 2009 года на совместном заседании коллегий Минобрнауки России, Минобразования Беларуси и ГКНТ Беларуси. В ходе заседания обсуждались вопросы формирования единого образовательного и научно-технологического пространства Союзного государства, а также подготовки специалистов в совместном Белорусско-Российском университете и филиалах российских высших учебных заведений на территории Республики Беларусь.

During the meeting the questions of forming a united educational and scientific-technological space of the Union state were discussed, and also of training specialists in the joint Belarus-Russian university and branches of the Russian institutions of higher education on the territory of the Republic of Belarus.



At the meeting the decision was made on creating a working group for elaborating suggestions on providing comparability of the documents on education given in the Russian Federation and the Republic of Belarus. It is suggested that the working group will prepare its suggestions by December, 1, 2009.

The sides also discussed the possibility of elaboration of a conversion table between marks of the Russian Unified state exam and marks of the Centralized test of the Republic of Belarus, which at present are not comparable. "The creation of this conversion table will allow in the perspective to accept automatically the results of both exams in Russia and Belarus", - stressed the Minister of education of the Republic of Belarus Alexander Radkov.

The sides also agreed to create a constantly functional working group on providing coordination of the common scientific-technical policy of Russia and Belarus, and also realize coordination of fundamental researches and scientific-technical elaborations on the priority directions.

More information: <http://eng.mon.gov.ru/press/release/3787/>

Contact: Ministry of Education and Science of the Russian Federation Press-Service
Moscow, Tverskaya, 11 phone +7(495) 629-53-27 +7(495) 629-53-27 press@mon.gov.ru

Source: Ministry of Education and Science of the Russian Federation Press-Service

 **ICLTC-2010 - the 8th International Conference on Low Temperature Chemistry will take place on August 22 - 27, 2010 in Yerevan, Armenia.** The ICLTC is an international conference dedicated to the research of chemical and physical phenomena and processes undergoing at cold temperatures. Scientists with interest in various fields of LTC are cordially invited to present their ideas and participate in discussions. Besides interesting scientific topics, lectures by leading scientists in the field, the saturated cultural program will also be organized. Deadline for abstract submission is April 1, 2010.

 **8-я Международная конференция по химии низких температур состоится на 22 августа - 27, 2010 в Ереване, Армении**

Ученые заинтересованные в различных областях LTC могут принять участие в конференции. Кроме интересных научных тем, участников ждут лекции ведущих ученых области и насыщенная культурная программа. Заявки на участие принимаются до 1 апреля 2010 г.


ICLTC-2010 - the 8th International Conference on Low Temperature Chemistry will take place on August 22 - 27, 2010 in Yerevan, Armenia. The ICLTC is an international conference dedicated to the research of chemical and physical phenomena and processes undergoing at cold temperatures. The previous conferences have taken place in Moscow, Russia (1994), Kansas, USA (1996), Nagoya, Japan (1999), Jyvaskyla, Finland (2002), Berlin, Germany (2004), Chernogolovka, Russia (2006), and Helsinki, Finland (2008).

Scientists with interest in various fields of LTC are cordially invited to present their ideas and participate in discussions. Besides interesting scientific topics, lectures by leading scientists in the field, the saturated cultural program will also be organized.

Deadline for abstract submission is **April 1, 2010**.

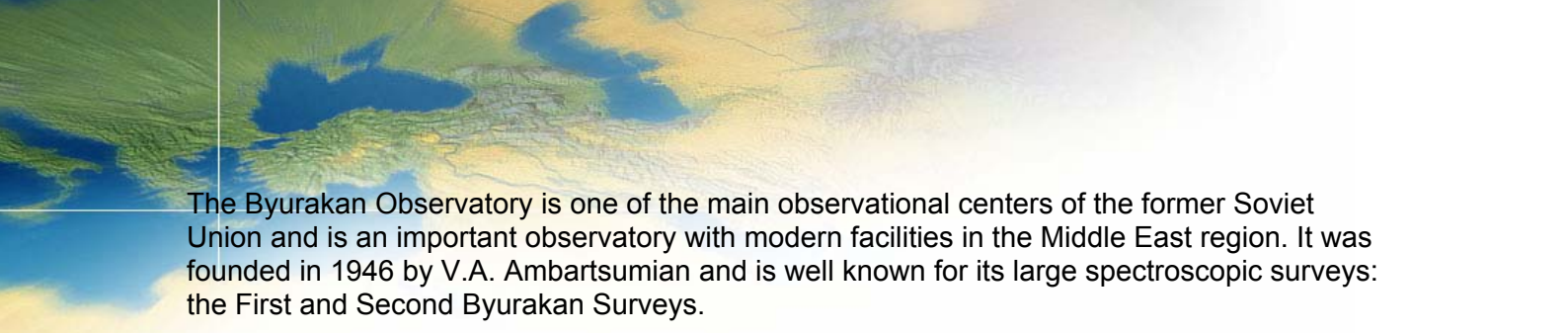
More information: <http://www.8icltc.am/>

Source: CIT

 **32nd International School for Young Astronomers in Byurakan, Armenia**
This International summer school for Young Astronomers - ISYA-2010 will take place through September 12 – October 2, 2010, in Byurakan, Armenia, organized jointly by the International Astronomical Union (IAU), the Byurakan Astrophysical Observatory (BAO), and the Armenian Astronomical Society (ArAS). It is the IAU 32nd International School for Young Astronomers and the 3rd Byurakan International Summer School.

 **32 –ая Международная школа молодых астрофизиков будет проведена в Бюракане**

Международная школа молодых астрофизиков будет проведена с 12 сентября по 2 октября 2010г. в Бюракане, Армения, организованная Международным астрономическим союзом совместно с Бюраканской астрофизической обсерваторией, а также Армянским астрономическим сообществом.



The Byurakan Observatory is one of the main observational centers of the former Soviet Union and is an important observatory with modern facilities in the Middle East region. It was founded in 1946 by V.A. Ambartsumian and is well known for its large spectroscopic surveys: the First and Second Byurakan Surveys.

Upper-level University students and post-graduate students are eligible to apply for participation. In exclusive cases, some excellent B.Sc. students will also be accepted. Apart from the local students, students from neighboring countries (Iran, Turkey, Georgia, Azerbaijan), Arabic countries, Central Asia (Kazakhstan, Uzbekistan, Tajikistan, etc.), China, India, Pakistan, Europe (including former Soviet Union countries), etc. are expected to apply and to benefit from this ISYA. Students must have a working knowledge of English, which will be the official language of the school, as well as sufficient level in physics and mathematics. A maximum of 30 students will be selected.

IAU will cover travel expenses for students whose grant applications are accepted, and ArAS/BAO will cover their local expenses (accommodation, meals, excursions, and banquet, totaling USD 485 or EUR 325). Students that cover these expenses from other sources may also participate.

More information: <http://www.bao.am/International%20Year%20of%20Astronomy2010.htm>

Source: CIT

 **Belarusian Republican Foundation for Fundamental Research and Centre National de la Recherche Scientifique, France launched the joint call for proposals “BRFFR – CNRS(PICS) - 2011”**

 **Белорусский республиканский фонд фундаментальных исследований и Национальный центр научных исследований Франции объявили совместный конкурс фундаментальных научных проектов «БРФФИ – НЦНИ(PICS) – 2011»**

Within the Call, the basic research projects in different areas of research will be supported. They have to be carried out by Belarusian and CNRS teams which have got already the experience of cooperation and joint publications.


Research areas:

- Physics, mathematic and informatics,
- Technical sciences,
- Chemistry, Earth sciences,
- Biological, medical and agricultural sciences,
- Humanity sciences.

Duration of projects: up to 3 years.

Deadline for applications: **31 March 2010 in France** (for preliminary selection by CNRS),
31 May 2010 in Belarus

 **Belarusian Republican Foundation for Fundamental Research and Centre National de la Recherche Scientifique, France launched a call for proposals on organization of joint scientific workshops in 2010-2012, “BRFFR – CNRS”.**

 **Белорусский республиканский фонд фундаментальных исследований и Национальный центр научных исследований Франции объявили совместный конкурс для поддержки организации совместных белорусско-французских научных семинаров в 2010-2012 гг., «БРФФИ – НЦНИ».**

The aim of the call is to strengthen collaboration and support networking between Belarusian and French research community by co-financing joint scientific seminars and workshops to be organized in Belarus and France from June 2010 till June 2012. The events should fit the research priorities and mutually interesting areas of scientific activities of the both parties.

To take part in the Call for proposals, Belarusian and French organizations which carry out basic research are invited. The number of participants of an event should not exceed 20, including 10 from the host country and 10 – from the visiting one. For each party, participants should represent at least 2 different institutions.

Financing principle: for the host party the grant is provided for organizing a seminar, for the visiting one – for reimbursement of travel costs.

Deadline for application: **15 April 2010** (both to BRFFR and CNRS).

See more details about the requirements and rules for application at <http://fond.bas-net.by/if41.html> (in Russian)



National Academy of Science of Belarus launched an anniversary competition 2010 for awarding Academician Aleksei Lykov Prizes in basic and applied research in the area of heat and mass transfer



Национальная академия наук Беларуси объявила конкурс 2010 года на соискание премий академика А.В.Лыкова за достижения в фундаментальных и прикладных исследованиях в области тепло- и массообмена

The competition is devoted to the 100th anniversary of Aleksei Lykov, the prominent Belarusian researcher, founder of the research school in heat and mass transfer. On the eve of his birthday, 20 September 2010 3 prizes will be awarded – 1 for domestic research team and 2 – for international teams which made a significant input in developing basic and applied research in the area of heat and mass transfer, discovery and description of mechanisms of heat and mass transfer effects and processes in natural and technical objects, media of different aggregate states with phase and chemical transformations, different external impacts that formed the basis for new highly effective technologies and equipment. The team should be comprised of 3 researchers maximum. The details about requirements and rules for participation in the competition are available at <http://nasb.gov.by/docs/prizes/LykovPrize2010.html>.



Deadline for application: **20 May 2010**

Source: <http://nasb.gov.by/eng/news/>



Belarus and Czech Republic to create joint innovation center



Беларусь и Чехия создадут совместный инновационный центр

The Belarusian-Czech Innovation Center will facilitate the development of innovative activities in both countries and transfer of new technologies in manufacture. The companies of Belarus and Czech Republic will be able to use the Center's services for joint R&D and promotion of high- tech products in foreign markets.

The Center will take part in creation of joint Belarusian-Czech companies for technology commercialization, mastering S&T developments and rendering assistance in attracting of foreign investments for joint projects.

The establishment of the Center was discussed by Igor Voitov, Chairman of the State Committee on Science and Technology of Belarus and Pavel Sveida, Secretary General of Innovation Commission of the Czech Republic at the recent meeting in Minsk. The parties have discussed cooperation in S&T information exchange and attraction of investments in Belarus for the development of new technologies. In addition, the parties considered the prospects of joint ventures. The Center is to assist in their establishment.

The project on the creation of the Innovation Center will be implemented in conformity with the protocol of the first session of the Belarusian-Czech Joint Commission for Economic, Industrial and S&T Cooperation signed in April 2009.

Source: BelTA



National Academy of Science of Belarus and Belgian Nuclear Research Center have signed a memorandum of mutual understanding



Национальная академия наук Беларуси и Бельгийский центр ядерных исследований подписали меморандум о взаимопонимании

The National Academy of Sciences of Belarus (NAS) and Belgian Nuclear Research Center (SCK-CEN) signed a memorandum of mutual understanding.

The document aims to develop cooperation in the nuclear research and personnel training. Scientists of the two countries are planning to collaborate in the nuclear physics and nuclear safety, radioactive waste treatment and safe ground disposal. They will study the features of the waste as well as peculiarities of radionuclides migration. They are also supposed to exchange experience in choosing places for burial ground disposal of radioactive waste.

The NAS and SCK-CEN will exchange scientific, technical and common information, pay visits to the production facilities of the two countries, organize seminars and trainings. The signed document will help the partners to unite their efforts within the research projects financed by the European Commission.

The United Institute of Energy and Nuclear Research Sosny, <http://sosny.bas-net.by> is the coordinator of the joint activities from the NAS side.

Source: [BeITA](#)



The law on digital signature is adopted in Belarus



В Беларуси принят закон о цифровой подписи

The Law № 113-3 “On electronic document and electronic digital signature” was adopted in Belarus on 28 December 2009. It legalizes electronic documents, defines the main requirements to them, and also the legal status of electronic digital signature used in electronic documents which is equal to autographic paper signature.

The Law enters into force 1 year after its official publication. Full text in Russian is available at <http://pravo.by/webnpa/text.asp?start=1&RN=H10900113>.



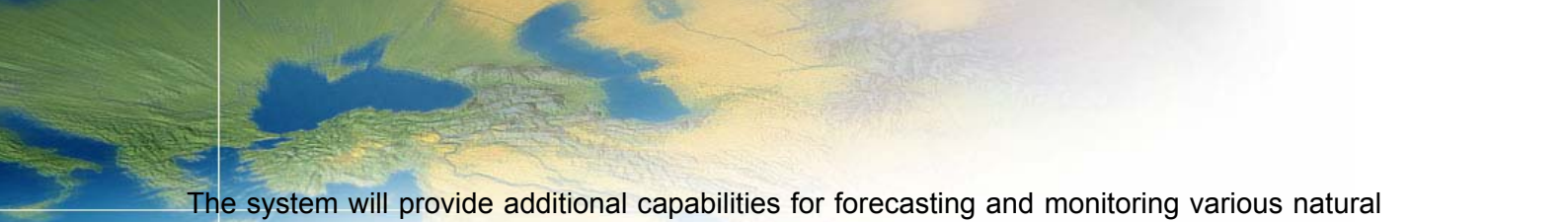
Belarusian physicists create new equipment for International Space Station



Белорусские физики создают новое оборудование для Международной космической станции

Scientists of the A.N. Sevchenko Applied Physics Research Institute of Belarusian State University in association with the Geography Institute of the Russian Academy of Sciences have designed a photo spectrum system for forecasting and monitoring natural and man-caused emergencies. The equipment will be installed at the International Space Station.

Currently, the Rocket and Space Corporation “Energia” (Russia) is performing the final testing of the system. The equipment will be put on board of the International Space Station in April 2010. It will be installed in the Russian segment of the system for carrying out an experiment codenamed “Hurricane”.



The system will provide additional capabilities for forecasting and monitoring various natural and man-caused emergencies. It will allow determining the location of dust storms, scale of pollution during emergencies at industrial facilities and oil pipelines, registering the pace and distribution of spring snow melt. The novelty will allow to resolve many ecological problems including the weed dynamics in arable lands. It will allow tracking man-triggered impact on the environment, studying expansive bodies of forests and determining their composition, finding unprotected areas with rare species of flora.

According to developers, space technologies will enable regular monitoring of development of dangerous processes and phenomena in the terrestrial environment and using the information to make the best choices to address and minimize the impact. Apart from registering and monitoring natural and man-caused emergencies, the system will allow forecasting their development.

The new system was created in the framework of the research program "Hurricane". The Applied Physics Research Institute of Belarusian State University has got an extended experience in designing various systems and equipment for space research. For instance, the Institute created a spectrophotometric solution for forecasting geophysical cataclysms within the research project "Hydroxyl ISS".

Source: BelTA

The Government of Belarus approved a plan for national exhibitions and expositions of the Republic of Belarus abroad for 2010

Правительство Беларуси утвердило план проведения национальных выставок и экспозиций Республики Беларусь за рубежом на 2010 год

To promote domestic technologies, scientific developments, products and services to foreign markets, the Council of Ministers of the Republic of Belarus adopted the Regulation №151 of February 4, 2010 "On approval of the Plan of national exhibitions (expositions) of the Republic of Belarus abroad for 2010".

According to the Plan, S&T developments and technologies will be demonstrated in Cairo, Egypt (March), Hanover, Germany (April), Baku, Azerbaijan (May), Belgrade, Serbia (June), Nizhny Novgorod, Russia (September), Riga, Latvia and Tehran, Iran (both in late autumn). Participation of the public R&D organizations in these events is supported from the budget.

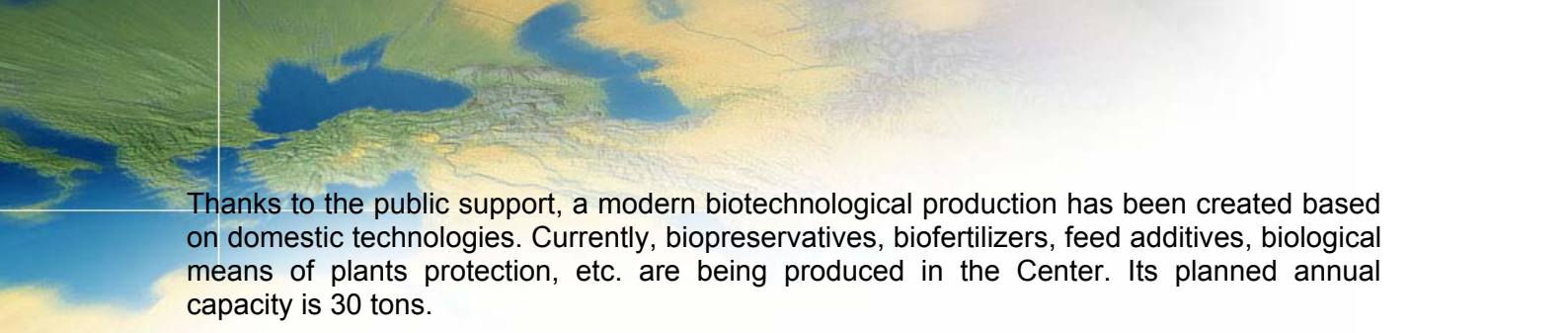
The full text of the document is available at <http://pravo.by/webnpa/text.asp?RN=C21000151>

Source: BelTA

A Center for development of biotechnologies and production of biological products opened in Minsk

Центр по разработке биотехнологий и производству биопрепаратов создан в Минске

A Center for the development of biotechnologies and pilot production of biological products was opened in the Institute of Microbiology of the National Academy of Sciences of Belarus on 19 January 2010.



Thanks to the public support, a modern biotechnological production has been created based on domestic technologies. Currently, biopreservatives, biofertilizers, feed additives, biological means of plants protection, etc. are being produced in the Center. Its planned annual capacity is 30 tons.

The Center will help to reduce the country's heavy import dependence on the vitally important biotechnological products, e.g glucose oxydase used a basic component for sensors in express analysis of glucose for patients with diabetes.

According to Emiliya Kolomiyets, Director of the Institute of Microbiology, Belarusian market of biological products is steadily increasing. Recently, a lot had been made in the country to stimulate development of biotechnologies. In 2010, five more biotechnology companies and almost ten new productions will be set up in Belarus.

Source: BeITA

 **International Scientific Practical Center for Thyroid Deceases will be created in Belarus**

 **Международный научно-практический центр заболеваний щитовидной железы будет создан в Беларуси**

This project is an integrated part of joint initiative of the European Commission and UNDP. It is aimed at mitigating the negative consequences of Chernobyl catastrophe in Belarus. The budget of the project is 1,13 mln. Eur, of which the EC input exceeds 1mln. Eur.

The Center will be created jointly by the Ministry of Health Care of Belarus and International Fund "Assistance to people suffering from radio induced thyroid cancer "Arnika". The partners in the project: Republican Center for Medical Rehabilitation and Balneotherapy, United Institute of Informatics Problems of the National Academy of Sciences of Belarus, Belarusian Medical Academy of Post-Graduate Education, Belarusian Red Cross, Republican Center of Thyroid Tumors (Minsk) and Republican Scientific Practical Center of Radiation Medicine and Human Ecology (Gomel). International Partner – Hospital of Nuclear Medicine, Wuerzburg University, Germany.

It's expected that the Center will be located in Minsk. Currently, different proposals of setting up are being discussed. It's foreseen that the Center will serve over 5 thousands young patients who suffer from thyroid cancer and need a special rehabilitation for fertility preservation. Additional 15 thous. patients with the other thyroid deceases could be consulted in the Center.

Source: BeITA



The Ministry of Education and Science of the Republic of Kazakhstan, M.Aeuzov South Kazakhstan State University invites you to take part International scientific-practical conference on the theme “Perspective directions of alternative energetics and energy-recourses saving technologies”.

The Conference will be held in May 27-28, 2010 in M.Aueзов South-Kazakhstan State University, Shymkent.



Министерство просвещения и науки Республики Казахстан, М.Аеузов Соут, государственный университет Казахстана приглашает Вас принимать участие Международная научно-практическая конференция по теме “Перспективные указания альтернативы обращений за помощью энергии, экономящих технологии”.

Конференция, будет проведено в мае 27-28, 2010 в государственном университете М.Оезова Соут-Казахстана, Shymkent.

Teaching staff, young scientists of HEIs and Scientific Research Institutions of the Republic of Kazakhstan and the Commonwealth of Independent States, Germany, Great Britain, Japan and other countries who have meaningful results of scientific researches on the theme of the Conference will be invited. The working languages of the Conference: Kazakh, Russian and English.

The Conference will work in following sections:

- Wind energetics
- Solar energetics
- Biomass energetics
- Geothermal energetics
- Hydroenergetics
- Biofuel
- Energy-recourses saving technologies

Application for participation (enclosed below), printed and electronic versions of the reports (2 copies) and copies of registration fee payment checks will be accepted **by the 1st April 2010** by e-mail or send to the address 160012, the Republic of Kazakhstan, Shymkent, Tauke Khan Avenue, 5, M.Auesov South-Kazakhstan State University (3d building, 2d floor, office 203, Executive Secretary of the Organization Committee of the Conference- Zhakyp Myrzantay Kozhabayuly, Head of the SRW of teaching staff and students Sector, Scientific Research Department, M.Aueзов SKSU, candidate of philology sciences).

Organizers, trainers and moderators of the events:


M.Aueзов SKSU

Telephone: 8 (7252) 21-19-82. Fax: 8 (7252) 21-01-41


E-mail: mzhakyp@mail.ru

More information: <http://www.increast.eu/en/797.php>

Source: IncoNet EECA



Russia
Россия

 **International Scientific-and-Technological Seminar “ROBOTICS. VIEW INTO FUTURE”**
10-11.03.2010, Saint-Petersburg, Russia

 **Международный научно-технический семинар «РОБОТОТЕХНИКА. ВЗГЛЯД В БУДУЩЕЕ», 10-11 марта 2010 года, Санкт-Петербург, Россия**

International Scientific-and-Technological Seminar “ROBOTICS. VIEW INTO FUTURE” will take place on 10-11.03.2010 in Saint-Petersburg, Russia

Subjects of the Seminar:

- Role of bionics in robotics development
- Artificial intelligence and artificial life
- Robotics in human organism and in wildlife
- Biorobotics
- Man-robot interaction
- World of robots: self-development
- Prospects of micro- and nano-robotics
- Medical robotics (robomedicine)
- Space robotics
- Cyberwars
- Robots in industry
- Robots in our life

Round-table: ROBOTICS. PLACE OF RUSSIA

Seminar Official Languages: Russian and English

Contacts:

Chairman of the International Program Committee:

Professor Evgeny Yurevich

Phone: +7(812)5524544

Seminar Secretariat:


Tatiana Volpyas

Phone/fax: +7(812)552 4162

e-mail: mrspsb@rtc.ru

More information: http://www.spbstu.ru/conference/2010/IA1_en.pdf


Source: St. Petersburg State Polytechnical University <http://www.spbstu-eng.ru/>

 **The XI International Academic Conference on Economic and Social Development, 6-8.04.2010, Moscow, Russia**

 **XI Международная научная конференция ГУ-ВШЭ по проблемам развития экономики и общества, 6 – 8 апреля 2010 года, Москва, Россия**

Организаторы конференции: Государственный университет – Высшая школа экономики при участии Всемирного банка и Международного валютного фонда.

На пленарных заседаниях конференции 6 и 7 апреля планируются выступления



высших руководителей Правительства Российской Федерации, Администрации Президента Российской Федерации, представителей Всемирного банка, Международного валютного фонда, Организации экономического сотрудничества и развития, ведущих российских и зарубежных ученых, руководителей крупнейших российских и иностранных компаний.

Специальные темы конференции:

- **«Модернизация экономики: рынки, фирмы и структурные сдвиги»; «Сбережение народа: демографический, социально-экономический и политический контекст».**

The conference is organized by the University - Higher School of Economics (HSE), with the participation of the World Bank and the International Monetary Fund. The Conference Programme Committee is chaired by Professor Evgeny Yasin (the former Minister of Economy of the Russian Federation, 1994 - 1997), HSE Academic Supervisor.

The plenary sessions on April 6-7 will feature senior Russian Government officials including representatives of the Presidential Administration, high-level representatives of the World Bank, the International Monetary Fund, the Organization for Economic Cooperation and Development, leading Russian and foreign academics, and the heads of some of the largest Russian and international companies.


The plenary sessions on April 6-7 and the special symposia within the conference (including selected reports, parallel sessions and round tables) will be devoted to the special themes of the conference: "Economic Modernization: markets, firms, and structural changes" and "Preserving the Nation: demographic, socioeconomic, and political context".

The parallel sessions (research papers presentations) and round tables on the problems of economic and social development will be held after the plenary sessions on April 6-7 and on April 8 (all through the day). The Conference will feature European Association for Comparative Economic Studies (EACES) workshop "Comparative empirical studies: what can we learn for transition and developing countries?" with a number of special sessions.


More information: http://www.hse.ru/org/hse/apr_conf_eng/

Contact: University – Higher School of Economics
Moscow, Myasnitckaya, 20 phone +7 495 623 76 15, 628 74 35 interconf@hse.ru

Source: University – Higher School of Economics



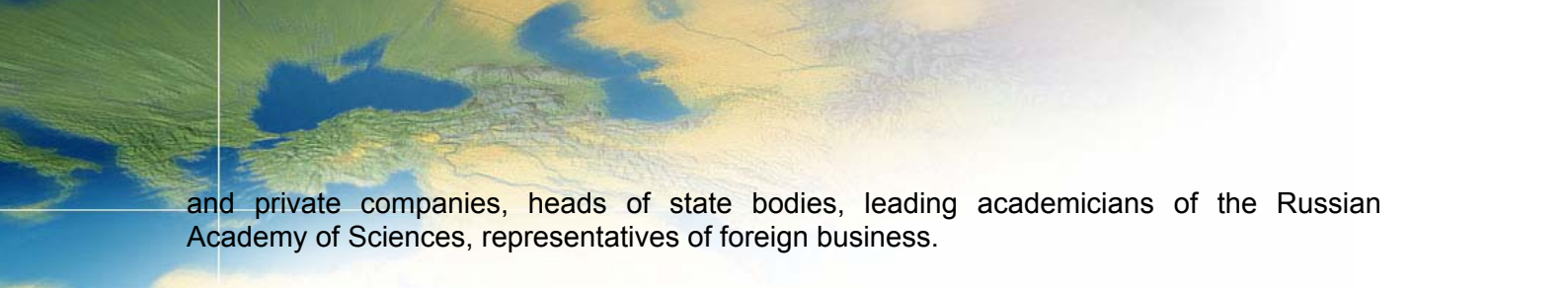
VII Moscow International Chemistry Forum **18-19.03.2010, Moscow, Russia**



VII Московский международный химический форум **18-19.03.2010, Москва, Россия**

18-19 марта 2010 года в отеле "Ренессанс" (г. Москва) пройдет VII Московский международный химический саммит, организованный Правительством Москвы, Российским союзом химиков, при поддержке Российской академии наук и Российского союза промышленников и предпринимателей. Оператором саммита выступает информационно-аналитическое агентство RCC Group.

The 7th International Chemical Summit, the main forum of the Russian chemical and petrochemical industry, will be held at the Renaissance Moscow Hotel on the 18th and 19th March 2010. Every year the summit brings together presidents and CEOs of state-owned



and private companies, heads of state bodies, leading academicians of the Russian Academy of Sciences, representatives of foreign business.

The preliminary programme of the Summit 2010 includes the following sessions:

- Energy savings and efficiency of Russian plants.
- State policy on high value added production.
- Russian holding companies and international firms in the Russian market: outlook for cooperation.
- Public and private investments in R&D projects in the chemical industry (nanotechnologies and other sectors). Competitive Russian developments.
- Specifics of the Russian plastics conversion market development. Measures to support domestic converters amid the crisis.
- Feedstock supply to Russian chemical companies.


The Organising Committee of the 6th Moscow International Chemical Summit includes, among others, Moscow mayor Yuri Luzhkov and Tatarstan prime minister Rustam Minnikhanov. Russian prime minister Vladimir Putin has been invited to address the delegates.

This year's summit is organised by the Moscow City Government, Russian Chemists Union, Russian Academy of Sciences and the Russian Union of Industrialists and Entrepreneurs. The summit operator is the RCC Group information and consulting agency.

More information: <http://www.chemsummit.ru/eng/>

Contact: Hotline: +7-926-202-78-05 +7-926-202-78-05. Telephone/Fax: +7(499) 767-19-06 +7(499) 767-19-06, (499) 729-66-94 (499) 729-66-94

Source: The Russian Chemical Union , 117420, Moscow, Nametkina, 14/1, office 304
Ph.: (495) 332-0606 (495) 332-0606 , 332-0647, fax: (495) 332-6721
e-mail: der@ruschemunion.ru, http://: <http://www.ruschemunion.ru/>


 **Science and Practice Conference and Exhibition “RAS Innovations - 2010”, 1- 4.06.2010, Kazan, Russia**

 **Научно-практическая конференция и выставка «ИННОВАЦИИ РАН - 2010», 1-4 июня 2010 г., Казань, Россия**

Российская Академия Наук при участии Казанского научного центра РАН и Казанского физико-технического института им. Е.К. Завойского КазНЦ РАН проводят с 1 по 4 июня 2010 г. ежегодную научно-практическую конференцию и выставку «Инновации РАН - 2010» в г. Казани.

Целью конференции является обсуждение вопросов повышения эффективности инновационной деятельности в институтах РАН, определение путей вовлечения в хозяйственный оборот результатов интеллектуальной деятельности в интересах развития экономики регионов России, расширение взаимодействия Институтов РАН с институтами Казанского научного центра РАН, отраслевыми институтами и предприятиями республики.

The Russian Academy of Sciences together with Kazan Scientific Center of RAS and E.K. Zavoiskiy Kazan Physics and Technics Institute organize annual Science and Practice Conference and Exhibition “RAS Innovations - 2010”, 1-4.06.2010, Kazan, Russia. The Conference has it's aim in discussing of effectiveness raising in the area of innovative activity in RAS institutions; finding ways of involvement of intellectual activity results for economics of




Russian regions' development; expanding the interaction of RAS institutions with Kazan Scientific Center of RAS, branch institutions and republic Tatarstan enterprises.

More information: <http://www.ras.ru/news/shownews.aspx?id=38fc7ad0-eef4-444e-bc57-3b84c84d2255>

Contact: Karsalova Nelli Kar5707@rambler.ru Тел. +7 (843) 2925750, (843) 2925750
Факс: +7 (843) 2925750

Source: Russian Academy of Sciences, 119991 Moscow, Leninskii avenue, 14
Phone: +7 (495) 938-0309, (495) 938-0309 (Information bureau); Fax: +7 (495) 938-1844,
(495) 954-3320

 **The Russian Academy of Sciences and The Academy of Sciences of Poland announce open Call “Best cooperation of Russian and Polish scientists”, 18.01.2010**

 **Российская и Польская Академии Наук объявляют конкурс на соискание премий РАН и ПАН за лучшие совместные работы российских и польских ученых, 18 января 2010 г.**

Российская и Польская академии наук объявляют конкурс на соискание трех премий РАН и ПАН за лучшие совместные работы российских и польских ученых в области естественных, технических, общественных и гуманитарных наук, выполненные в результате сотрудничества двух Академий и имеющие большое научное и практическое значение.


Russian and Polish Academies of Sciences announced open Call for the best cooperation of Russian and Polish scientists and established prizes for effective collaboration in the following scientific areas: natural, technical, social, humanitarian. The research should be implemented in collaboration of two Academies and have significant scientific achievements.

Deadline: 30 June 2010

More information: <http://www.ras.ru/en/news/shownews.aspx?id=c8cf14f4-d8fd-4959-8184-c8db42987893>

Contact: 119991 Moscow, Leninskii avenue, 14, building 7, Directorate of External Relations RAS A.L. Vinogradov Phone: +7(495) 2370121, (495) 2370121, E-mail: alvinogradov@presidium.ras.ru.

Source: Russian Academy of Sciences, 119991 Moscow, Leninskii avenue, 14
Phone: +7 (495) 938-0309, (495) 938-0309; Fax: +7 (495) 938-1844, (495) 954-3320

 **Sixth Internationally Conference on BIOMEASURED FOR ENERGY, on the 14th-15th September in Kiev**

 **Шестом Интернационально Конференция «Энергия из биомассы», на 14-го 15-ого сентября в Киев**

The conference will be organized by:

- Institute of Engineering Thermophysics of the National Academy of Sciences of Ukraine
- Scientific Engineering Centre "BIOMASS"

The Topics of the conference are:

- **Biomass resources:** Availability and cost of resources; technical and logistical issues; environmental impact. Production, pretreatment, supply and logistics of feedstock from conventional agriculture, forestry, animal residues, processing industry and biodegradable fraction of MSW streams. Research on energy crops.
- **Research and development of bioenergy technologies:** Combustion, gasification, pyrolysis, anaerobic digestion, extraction and utilization of landfill gas, co-combustion of biomass with traditional fuels. Production of liquid biofuels (biodiesel, bioethanol).
- **Demonstration and market implementation of biomass-to-energy technologies.**
- **Strategy and policy issues:** International, national, regional and local policies and strategies. Sustainability criteria and certification issues.
- **Economic and environmental issues of bioenergy technologies:** Financing of bioenergy projects, socio-economic impact, reduction of CO₂ emission.

Deadline for receipt of abstracts: **31 July 2010**

More information: <http://www.8icltc.am/>

Source: IncoNet EECA

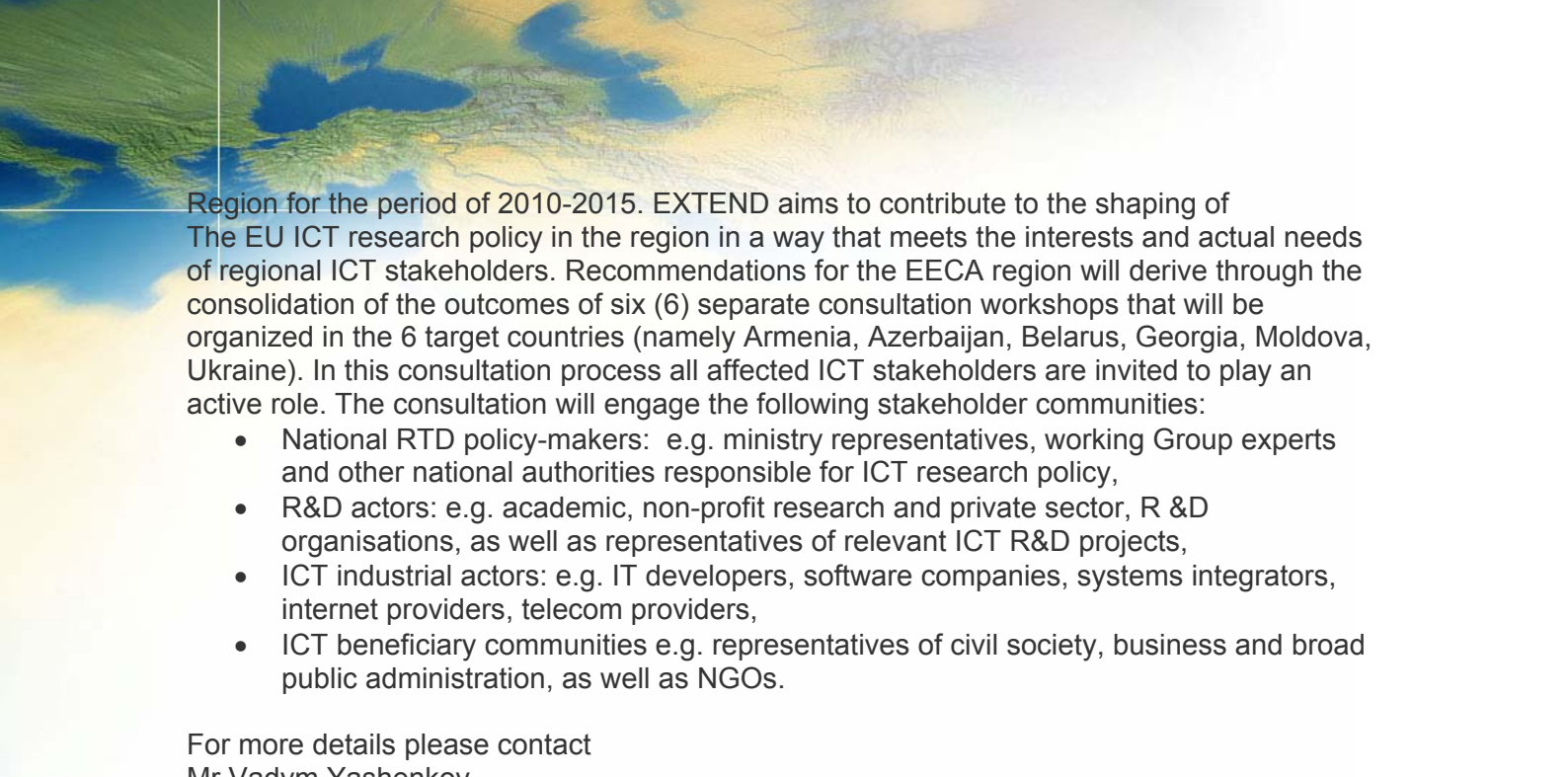
 **EXTEND in Ukraine**

 **EXTEND в Украине**

Within implementation of the EC funded project "Extending ICT research co-operation between the European Union, Eastern Europe and the Southern Caucasus - EXTEND" (www.extend-ict.eu) the consultation event is planned to be held in Kyiv, Ukraine, on 31 March 2010. A key objective of EXTEND is to

- develop recommendations on common ICT research priorities proposed for
- co-operation between the EU and the Eastern Europe and Central Asia
- countries for the period of 2010-2015 following consultation with the key
- ICT research stakeholders. The ICT recommendations are intended to
- contribute to the shaping of the future EU-EECA R&D co-operation through
- relevant EC research policies and funding programmes (e.g. FP7 ICT work programmes).

Currently, there is no formulated EU ICT research policy for the EECA



Region for the period of 2010-2015. EXTEND aims to contribute to the shaping of The EU ICT research policy in the region in a way that meets the interests and actual needs of regional ICT stakeholders. Recommendations for the EECA region will derive through the consolidation of the outcomes of six (6) separate consultation workshops that will be organized in the 6 target countries (namely Armenia, Azerbaijan, Belarus, Georgia, Moldova, Ukraine). In this consultation process all affected ICT stakeholders are invited to play an active role. The consultation will engage the following stakeholder communities:

- National RTD policy-makers: e.g. ministry representatives, working Group experts and other national authorities responsible for ICT research policy,
- R&D actors: e.g. academic, non-profit research and private sector, R &D organisations, as well as representatives of relevant ICT R&D projects,
- ICT industrial actors: e.g. IT developers, software companies, systems integrators, internet providers, telecom providers,
- ICT beneficiary communities e.g. representatives of civil society, business and broad public administration, as well as NGOs.

For more details please contact
Mr Vadym Yashenkov,
Deputy Director of the
National Information Centre for Ukraine-EU S&T Cooperation,
Phone: + 38 044 529 03 32
e-mail: fp@fp6-nip.kiev.ua



First number of the analytical newsletter in the communication and information sphere «ICTNEWS» was published 18.01.2010.

With the aim of the fullest acquaintance about the movements of Informational-communicative technologies (ICT) introduction and development both in Republic of Uzbekistan, and behind its limits the analytical –newsletter was created in the sphere of communication information «ICTNEWS». The bulletin is created under the Uzbek agency of communication and information, the Center of electromagnetic compatibility, State Unitary Enterprise " UNICON.UZ " and Open Company « CIB GROUP ». Open Company « CIB GROUP » is engaged with edition and distribution of the Bulletin.



Первое число аналитического информационного бюллетеня в коммуникации и информационной сфере «ICTNEWS» было издано 18.01.2010.

В целях наиболее полного освещения о ходе внедрения и развития Информационных и Коммуникационных Технологий (ИКТ) как в Республике Узбекистан, так и за ее пределами создан информационно-аналитический бюллетень сферы связи и информатизации «ICTNEWS». Бюллетень создан при учредительстве Узбекского агентства связи и информатизации, Центра электромагнитной совместимости, ГУП «UNICON.UZ» и ООО «CIB GROUP». Изданием и распространением Бюллетеня занимается ООО «CIB GROUP».

The purpose of creation of the analytical-newsletter «ICTNEWS» is the maintenance of the broad audience of readers with operative news and analytical materials, the actual information on scientific and technical achievements in the sphere of communication{connection} and information, introduction and usage ICT in the governancel , business and a social life.

The primary goals of the edition were:

- Illumination of projects and programs of introduction, development and usage of ICT in the Republic of Uzbekistan, and abroad;
- The publication of analytical reviews and reports about ICT market ;
- Operative illumination of actual news in the ICT sphere from reliable sources.

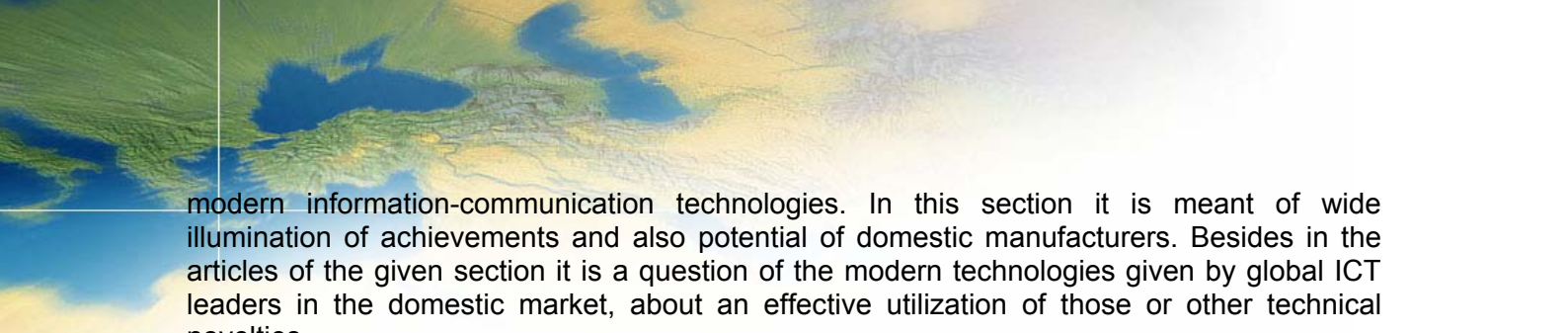
Target audience of the Bulletin were regulating bodies, the enterprises and organizations of the communication and information sphere, local and foreign investors, managing subjects who was engaged with the introduction and usage of ICT in all branches of the economy of the Republic of Uzbekistan.

With a aim of the fullest illumination of the events in the market of information-communication technologies the bulletin will include 5 basic sections, namely:

Section: «ICT: INTRODUCTION and DEVELOPMENT». This section is devoted to processes of introduction and development of information-communication technologies in the Republic of Uzbekistan. Here, news of the communication and information sphere in the country, news material of ICT adoption in the government, economy, articles of ICT stages of development, the reforms that is carrying out in the sphere, realizing ICT projects in the republic, about the course of ICT introduction in branches of economy and a public life.

Also materials about activity of regulating bodies and the enterprises of the communication and information sphere are published.

The section of "TECHNOLOGY" is devoted to the modern information technologies offered in our country by domestic and leading foreign manufacturers. In it the news of technological re-equipment in the country are published, including news of the companies - developers of



modern information-communication technologies. In this section it is meant of wide illumination of achievements and also potential of domestic manufacturers. Besides in the articles of the given section it is a question of the modern technologies given by global ICT leaders in the domestic market, about an effective utilization of those or other technical novelties.

The section "ABROAD". Here the materials about ICT conditions, developments and prospects in the world are publishing. In detail the activity of the international organizations in the communication and information technologies sphere, a situation of ICT markets in abroad are illuminating. News of the international organizations (MCЭ, PCC, ETSI, ICANN, etc.) and foreign countries are publishing in separate subheadings that increases reability of the editions.

The section of "ANALYTICS" includes analytical materials, reviews, opinions of experts that gives more possibilities for analysis of the course of reforms in ICT introduction of information technologies sphere. Articles of this section allow finding out more in detail about tendencies of communication sphere development and ICT, not only in our country, but also all over the world. Materials with opinions and comments from leading experts about tendencies of ICT market are published in the section, and also the comments on the important changes of normative-legal base of ICT sphere. Interview with the experts will give an opportunity to familiarize with author's responses and opinions about the most significant events.

More information: www.ictcouncil.gov.uz

Development of innovative projects and technologies in manufacture

In the aim of implementation of a decree of the President Islam Karimov from July, 15th, 2008 « About additional measures on stimulation of introduction of innovative projects and technologies in manufacture»


Внедрение инновационных проектов и технологий в производство

В цели выполнения декрета об Исламе президента Каримов с 15-ого июля 2008 «О дополнительных мерах на возбуждении введения инновационных проектов и технологий в изготовлении»

Scientific research institute of soil science and agro chemistry of The Republic of Uzbekistan, Tashkent State agrarian university in cooperation with the Center of science and techniques under Surkhan-Darya region carry out the innovative project « Development of measures on an effective utilization of the irrigated grounds of the Surkhan-Darya region, increase of fertility of the irrigated areas of farm enterprises».

The basic purpose of the given three-year project consists in restoration, preservation of fertility of the irrigated areas, development of the new grounds, use of additional water sources, introduction corresponding agricultural equipments. In opinion of experts, as a result of cotton monopoly during the Soviet period it has been broken general biological balance of the sowing grounds. The level of underground waters has risen, salinity of ground has increased.

-Such situation seriously disturbed experts, - said Director of the Center of science and techniques under Hakimyat of the Surkhan-Darya region, Professor Chori Saidov. - the Decree of Head of the state from October, 29th, 2007 about radical perfection of system of meliorative improvement of the grounds promotes acceleration of work on elimination of existing problems. The innovative project « Development of measures on an effective utilization of the irrigated grounds of the Surkhan-Darya region, increase of fertility of the irrigated areas of farm enterprises» not only promotes meliorative improvement of a condition of the grounds, but also gives a scientific substantiation to growth of productivity. In this plan appropriate recommendations will be developed.



On available data, in the region there are 25 thousand 300 hectares strongly salted, 45 thousand 800 hectares medium salted and 88 thousand hectares few salted irrigated areas. According to the innovative project in the past year it was conducted research works in associations of water-users named after Abdulla Nabiev in area Muzrabadskom and «Talashkon» of Sherabad area, which was chosen as monitoring experimental areas. The experimental platform in the association of water-users named after Abdulla Nabiev has an average level of salinity. Experts have revealed a kind and mechanical structure of ground of areas under crops, the general and mineral structure of nutritious elements of ground, its water-transmissivity, a level of humidity and other factors interfering growth of productivity. In the association of water-users «Talashkon» it was investigated the influence of system of a replaceable crop rotation of a cotton and grain on fertility of ground and efficiency of replaceable crop is scientifically proved. On the area where four years grain was successively grown up, decrease in productivity was observed. After harvesting on the areas with replaceable crop of a cotton and grain, at deep plowing and repeated sowing, growth of granularity of an arable layer of ground is revealed.

By results of experiences it was given recommendations to the farms, nowadays it is carrying out measures on increase of productivity. Experts continue scientific researches within the limits of the innovative project. Alongside with carrying out of field experiences the chemical analysis of samples of ground is conducted. Results show, that one of major factors salted ground is continuous use of water from the salted channels. The next year researches concerning to a level of humidity, a mineralization of water, a level of salinity of ground, flowing waters, and also dynamics of agrophysics, hydro physical, agrochemical and hydro chemical properties of ground will be carried out.

These scientific researches, experiments, cooperation of scientists and farmers will undoubtedly promote sharp increase in productivity and in the end of the result - to the further growth for the well-being of the population.

Source: *IUCP-T*

Opening of Astronomical Museum

Astronomical Institute of The Academy of The Republic of Uzbekistan is the old scientific organization not only in Uzbekistan but in all Central Asia Region. It was founded in 1873 as Tashkent Astronomic Observatory. In 1966 it was reorganized as Astronomic Institute. The opening of Museum in Astronomic Institute is considering as the closing event of several measures which were held in our country according to the Year of 2009 as The International Year of Astronomy and 615th Anniversary of Mirzo Ulugbek.

Открытие Музея Обсерватории

Астрономический институт Академии Наук Республики Узбекистан является старейшим научным учреждением не только в Узбекистане, но и во всем Центральноазиатском регионе. Он был организован в 1873 году как Ташкентская астрономическая обсерватория, а в 1966 году преобразован в Астрономический институт. Открытие Музея астрономии в Астрономическом институте является завершающим событием целого ряда мероприятий, проходивших в нашей стране в ознаменование Международного Года Астрономии 2009 и 615-летия Мирзо Улугбека.

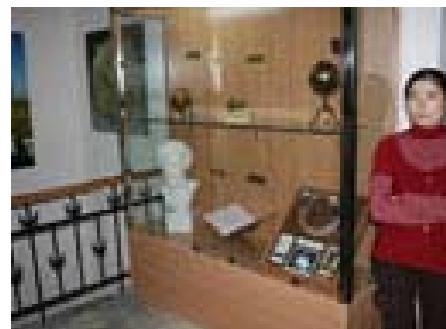
Astronomic Institute has a rich collection of astronomical instruments that were used in the past. They are very old and can not be used in contemporary Astronomy. In museum these instruments show the development of astronomy as a science and its history.

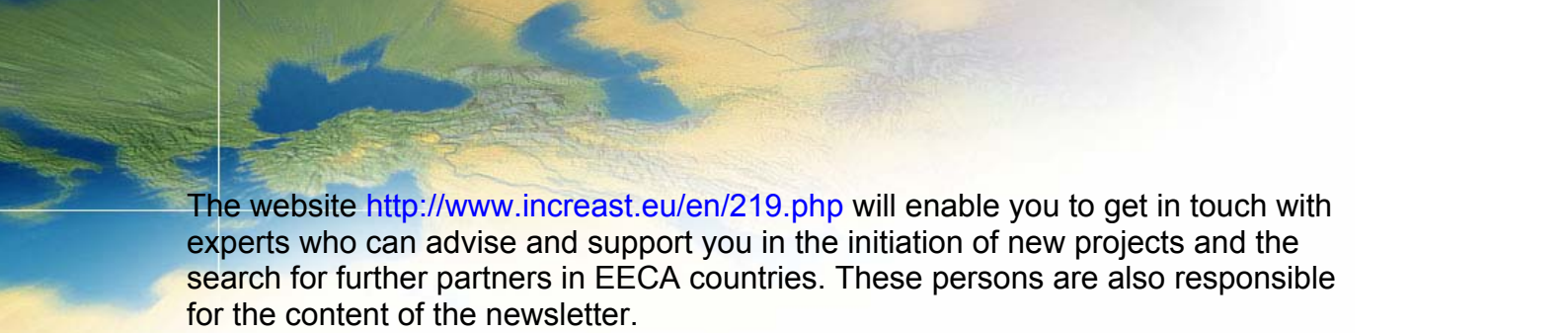
Annually thousand of pupils from schools, lyceums and professional colleges visit Astronomic Institute where they can see the achievements of astronomy, the great creations of our predecessors and get the first impression of scientific-research work.

The New exposition of Astronomy Museum created with the support of UNESCO and differs with brilliance and gives unforgettable impression for visitors. The most interest can be given to the model of the Ukugbek's observatory main instrument- meridian square, where students and other visitors of the museum can see the process of astronomic observation, that is carrying out more than six centuries before in the observatory.

More information: www.astrin.uzsci.net

Source: *IUCP-T*





The website <http://www.increast.eu/en/219.php> will enable you to get in touch with experts who can advise and support you in the initiation of new projects and the search for further partners in EECA countries. These persons are also responsible for the content of the newsletter.

You will find the latest news about the EECA and EU Countries in our regularly newsletter under <http://www.increast.eu/en/103.php>.

To subscribe, please enter your e-mail address in the field on the right side of the homepage <http://www.increast.eu/>.

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С помощью веб-сайта <http://www.increast.eu/en/219.php> вы можете связаться со специалистами, которые проконсультируют вас и окажут поддержку в запуске новых проектов и поиске партнеров в странах ЕЕСА. Кроме того, они несут ответственность за содержание данного информационного бюллетеня.

Вы сможете узнать самые свежие новости о странах ЕЕСА и ЕС, если станете читателем нашего регулярного информационного бюллетеня, который находится по адресу <http://www.increast.eu/en/103.php>.

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Если вы больше не хотите получать данный информационный бюллетень, пожалуйста, введите адрес своей электронной почты в указанное поле еще раз.