



incrEAST Newsletter

29th May 2009

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.

29 Мая 2009

Обмен информацией в области науки и технологии между Европейским научным сообществом и странами Восточной Европы и Средней Азии

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

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

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Международный научный форум "Современные технологии в эндокринной хирургии"



□ International Conference "Fluxes and Structures in Fluids: Physics of Geospheres", 24-27 June 2009, Moscow, Russia.

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The first annual workshop of the ICPCNanoNet project in Prague, 1 June 2009.

The ICPCNanoNet Workshop 2009 will facilitate the required insight into Nanoscientific and Nanotechnological activity in International Cooperation Partner Countries (ICPC) and present a new online networking platform to increase and intensify the number of collaborations between the EU and ICPC in the area of Nanoscience and Nanotechnology.



Первый годовой семинар в рамках проекта ICPCNanoNet состоится 1 июня 2009 г. в Праге.

ICPCNanoNet семинар позволит улучшить ситуацию в области nanoисследований и нанотехнологий в странах партнёрах международного сотрудничества (ICPC) и представит новую веб-платформу для поддержания и улучшения сотрудничества в этой области между ЕС и ICPC.

The workshop will focus on the results of the project's first year, and will look ahead to the subsequent years. Seven guest speakers especially invited to this event will be highlighting specific nano-activities while stakeholders from all over the world will be able to follow the proceedings live via webcast.

Workshop Summary:

- Discussion of different views with a panel of distinguished guest speakers from the EU and ICPC, including Dr. Gerd Bachmann (D), Dr. Kamal Hossain (UK), Dr. Zoran Petrovic (SRB), Dr. Saeed Sarkar (IR), Prof. Cecilia Noguez (MEX), Dr. Izeddine Zorkani (MA), and Prof. M. Maaza (SA).
- Discussion of potential collaborations with organisations and researchers in similar fields.
- Dissemination of posters, brochures, and other material on ongoing nano-activities.
- Follow proceedings online through a webcast, which will allow remote users to view presentations and be part of discussions in real-time.
- Join delegates from the ICPCNanoNet partnership, including the Institute of Nanotechnology (UK), St. Petersburg Electrotechnical University (RUS), Jawaharlal Nehru Centre for Advanced Scientific Research (IND), Chinese Society of Micro-Nano Technology (PRC), Malsch TechnoValuation (NL), MERIT of Universiteit Maastricht (NL), and Sociedade Portuguesa de Inovação (PT).

Workshop Programme and Registration:

The full programme of the ICPCNanoNet Workshop 2009 is available on the project website:

www.icpc-nanonet.org.

List of International Cooperation Partner Countries:

http://ec.europa.eu/research/iscp/pdf/icpc_countries_en.pdf

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Source: Institute of Nanotechnology



Conference “Fostering scientific and research co-operation between the Eastern Europe and the Southern Caucasus countries and the EU” Tbilisi, Georgia, 11-12 June 2009.

The conference aims to make research communities of the region aware of funding opportunities offered by the Framework Programmes of EU and foster potential co-operations through dedicated networking activities.



Конференция «Укрепление научно-исследовательского сотрудничества между Восточной Европой, странами Южного Кавказа и Европейским Союзом», Тбилиси, Грузия, 11-12 июня 2009 г.

Цель конференции состоит в ознакомлении с возможностями финансирования в рамках РП Европейского Союза и в содействии потенциальному сотрудничеству.

The conference is co-organised by the EU-funded FP7 EXTEND project and IDEAL-IST project. The Conference will address Information and Communication Technologies (ICT) stakeholders such as leading researchers and experts from academia and industry and representatives of Ministries from the Eastern Europe and Southern Caucasus countries.

During the Conference, the regional ICT research environment will be discussed, the forthcoming ICT challenges of the 7th Framework Programme (FP7) will be explored and collaboration both within the region and with Europe will be pursued. The IDEAL-IST network will organise a brokerage event within the conference, targeting Challenges 1 and 9 of the ICT call 5. This event will give a description of the objectives within the calls and provide an opportunity to R&D actors across the region to meet and exchange contacts.

More information: www.extend-ict.eu and www.ideal-ist.net



The conference “EU – EECA S&T cooperation: The way forward“, Athens 16-17 June 2009.


The conference is organized in the context of the “S&T International Cooperation Network for Eastern Europe and Central Asia – IncoNet EECA”, a large project funded by the European Commission to support the bi-regional S&T cooperation, coordinated by the Centre for Black Sea Studies (ICBSS).



Конференция «Сотрудничество между ЕС и ЕЕКА в области науки и технологии: перспективы развития», Афины, 16-17 июня 2009 г. Конференция организована в рамках проекта IncoNET ЕЕКА, разработанного для поддержания двухстороннего сотрудничества в области науки и технологии со странами Восточной Европы и Центральной Азии (ЕЕКА). Проект финансируется Европейской Комиссией, координатором которого является Centre for Black Sea Studies (ICBSS).

Background and objectives:

The partnership between the countries of the European Union and Eastern Europe/Central Asia (EECA) is of utmost importance for the political, economical, and social development of both regions. There is a need for an in-depth exchange of views among policy makers and representatives of the science community of both EU Member States and the EECA Countries. In this context, the International Centre for Black Sea Studies (ICBSS) organizes the conference “EU – EECA S&T cooperation: The way forward“ which will be held in Athens on 16-17 June 2009.



The aim of the conference is to allow an informal dialogue of senior experts from ministries and research organisations from both, the EU and Associated Countries and the EECA. The dialogue is thought to focus on the state-of-the-art and the perspectives of EU-EECA S&T cooperation. Participants of different related projects will have the opportunity to make the results of their activities visible to a wide range of political decision makers and representatives of research and funding organisations.

The program:

The preliminary program of the conference contains three sections:

- *EU-EECA: Perspectives:* This section will provide a view about the role of the European Commission as well as a description of the eastern point of view on the EU-EECA cooperation.
- *The current landscape:* Under this topic two practice examples will be presented. Furthermore in this section the reflection of the science community on the impact of EU-EECA cooperation will be described.
- *The way forward:* On 17 June the organizers plan an open structured discussion about the future common challenges within the EU-EECA cooperation.


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More information: <http://www.inco-eeca.net/en/127.php>

Source: International Bureau of the BMBF

 **The IncoNet EECA Seminar "The way to Europe" for scientists of Kyrgyzstan, Turkmenistan and Tajikistan for participation in the FP7 (23-25 May, Bishkek, Kyrgyzstan).**

 **IncoNet EECA семинар «Дорога в Европу» для научных исследований из Киргизии, Туркменистана и Таджикистана, желающих участвовать в РП 7, 23-25 мая, Бишкек, Киргизия.**

The seminar was organized by the National Coordination Center of the Kyrgyz Republic. The seminar's main objective was to provide participants with the necessary information on the FP7, to raise knowledge at all stages of participation in FP7: from reception of the information and a formulation of scientific idea before occurrence in the international consortium, application and realization of the joint project with the European partners. The representatives of the Delegation of the European Commission attended the seminar.

Organizers: National library of the Kyrgyz Republic - the base organization of the National Coordination centre of the FP7 in Kyrgyzstan and the Delegation of the European Commission, the Swedish Governmental Agency for Innovation Systems VINNOVA

The seminar's program included 1 plenary session and 3 sessions. The plenary session was attended by deputies of Jogorku Kenesh of the Kyrgyz Republic, the Minister of Culture and Information the Kyrgyz Republic, the Deputy Minister of Science and Education, the Deputy Minister of the Foreign Affairs of the Kyrgyz Republic and the Responsible Secretary of the Commission on affairs of science and education of Presidential Administration of the Kyrgyz Republic.



Seminar sessions lasted for 3 days. Following issues was covered: the general rules of participation in FP7, search of partners, creation of partner relations between the research organizations both separate scientific institutions and private persons for participation in scientific projects which will be submitted on forthcoming competitions FP7. Also ways to create international consortia including Kyrgyzstan, the countries of the Central Asia and the European Union, for teamwork in innovative projects and transfer of technologies was discussed.

The seminar contributed to increase the research and innovative possibilities of scientists of the Central Asia working in following research areas: health, food, agriculture and biotechnologies, informational and communicational technologies, nanotechnology, nanoscience, materials and new industrial technologies, energy, safety (including power safety), environment (including climate change), transport, socioeconomic and the humanities.

At the end of the seminar the participants have been given certificates of the European Commission.

Source: National Library of the Kyrgyz Republic



EU-EECA Workshop on Human Genomics & Related Issues in Chisinau, Republic of Moldova, 28-30 April 2009.

The Workshop was organized in the framework of the IncoNet EECA project, funded through the 7FP for Research and Technological Development of the European Community and hosted by the Academy of Sciences of Moldova.



Семинар на тему «Сотрудничества стран Европейского Союза и стран Восточной Европы и Центральной Азии в области Генетики Человека», 28-30 апреля 2009.

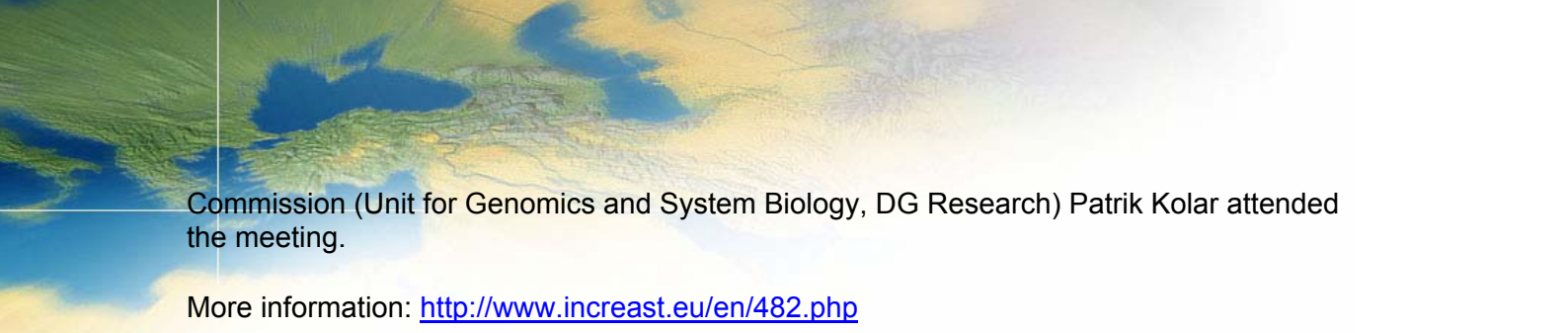
Цель семинара организованного Академией наук Молдовы состояла в определении конкретных тем совместного сотрудничества между выше-упомянутыми странами, которые могут быть включены в будущие конкурсы РП7. Семинар был организован в рамках международного проекта «Создание сети международного сотрудничества в сфере науки и техники с восточно-европейскими и центрально-азиатскими странами» IncoNet EECA (www.inco-eeca.net), финансируемого Европейским Союзом.

The workshop aimed to bring together stakeholders from the scientific community and S&T intensive industry of the Eastern European and Central Asian Countries (EECA) and of EU Member States and Associated countries. Overall 48 participants from 15 countries attended the meeting in Chisinau (Moldova) from 28-30 April 2009.

EU officials and the coordinator of the IncoNet EECA project presented a brief overview on recent developments for S&T cooperation in the EECA region and the EU. After the participant briefly presented their scientific profile and main research activities a round table discussion helped to identify mutual EU-EECA key research topics within the fields of:

- monogenic and polygenic pathology
- environment and human genetics
- population genetics.

Results of this workshop will provide input to the European Commission and to the Health Programme that could be used for the definition of Specific International Cooperation Activities (SICA) to be included in future Health Work Programmes. From the European



Commission (Unit for Genomics and System Biology, DG Research) Patrik Kolar attended the meeting.

More information: <http://www.increast.eu/en/482.php>


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Source: ASM

 **IncoNet EECA FP7 Information & Brokerage Event on Environment (Including climate change) to be held in Yerevan.**


The Event will be held on 19-20 October 2009 in Yerevan, Armenia. The objective of the event is to bring together EU and EECA researchers and other stakeholders and provide ground for discussion and networking within the scope of the Environment (including climate change) Theme. The event will include a presentation of the areas addressed by the 2009 call, presentations of proposal ideas and sessions of pre-arranged meetings to discuss potential partnerships in FP7 proposals.

 **IncoNet EECA Brokerage Event в области Окружающей среды (включая изменения климата) пройдет в Ереване**


С 19-20 октября, 2009г. в Ереване будет организован “FP7 Brokerage Event” по шестому тематическому направлению 7-ой Рамочной Программы ЕС – Окружающая среда (включая изменения климата) в рамках проекта IncoNet EECA. «Brokerage Event» — это встречи потенциальных партнеров с целью создания международных научно-технических консорциумов для участия в 7РП.

More information: <http://be.sci.am>

Source: CIT

 **ISTOK-SOYUZ: kick-off meeting in Russia and 5th Hi-Tech Friday Club of the National Innovation Fund in Kazakhstan**

On 18 April 2009 the Russian partners of ISTOK-SOYUZ project, RTTN and ISPRAS, held the Russian kick-off meeting at the venue of the Ministry of Communications. With the aim to cover FP7 the National Innovation Fund, partner of Istok-Soyuz project in Kazakhstan, held its 5th Hi-Tech Friday Club on 27 March 2009.

 **ИСТОК-СОЮЗ: первое заседание в России и 5-й Hi-Tech Friday Club Национального Инновационного Фонда.**

18 апреля 2009 г. состоялось первое заседание проекта ИСТОК-СОЮЗ в России, организованное российскими партнёрами проекта RTTN и ISPRAS. 27 марта 2009 г. Состоялся 5-й Hi-Tech Friday Club, организованный Национальным Инновационным Фондом, который является партнёром проекта ИСТОК-СОЮЗ в Казахстане.



Kick-off meeting

The event was attended by the key stakeholders of the Russian IT domain – the Deputy Minister of Education and Science Vladimir Miklushevsky, the Head of Department of RTD and Strategic Development, Ministry of Communications, Oleg Chutov, representatives of the Agency for Science and Innovations and the Agency for Education, FP7-ICT National Contact Point and the European Commission's Delegation, the Russian Academy of Sciences, other research institutions and policy-making organizations, journalists of the leading newspapers of the scientific and IT communities.

ISPRAS informed the audience about the previous project, ISTOK-RU, its progress and primary results. Special attention was paid to the list of 8 priorities in RTD collaboration between EU and Russia, and the summary of obstacles in the way of tightening cooperation between Europe and Russia. RTTN presented the current project ISTOK-SOYUZ, its goals and objectives of the project, the timeline and the primary activities of the project for years 2009-2010.

The audience has been informed about the ongoing activities in integrating EU and Russia IT domains that the Russian government and ministries undertake, and the potential role of ISTOK-SOYUZ in this process. ISTOK-SOYUZ partners eagerly offered their support to the working group established by the Ministry of Communications and the European Directorate-General on Information Society and Media.

The meeting concluded with a discussion concerning ISTOK-SOYUZ and general question of cooperation between the EU and Russia in IT domain. The participants discussed the obstacles in the way of better integration between the Russian and European IT RTD communities and highly rated the efforts of ISTOK-RU project on harmonizing RTD cooperation between Russia and the EU. They expressed also the anticipation that ISTOK-SOYUZ project will continue the initiatives of ISTOK-RU project and will facilitate resolving the existing issues preventing from intensifying the RTD operation between Russia and the European Union.

5th Hi-Tech Friday Club of the National Innovation Fund

Among 85 participants were representatives of Kazakhtelecom, Ministry of Industry and Trade, Kazpost, Science Fund, Information and Communication Agency, holding Zerde, National Innovation Fund, Universities, R&D laboratories and IT businesses. The event was preceded by a press conference to distribute information about Istok-Soyuz project in Kazakhstan and Central Asia and was covered by 16 journalists.


More information: <http://www.istok-soyuz.eu/>

Source: ISTOK-SOYUZ



Final reports of the second phase of the CREST working group "Internationalisation of R&D" published.

The working group "Internationalisation of R&D - Facing the Challenge of Globalisation: Approaches to a Proactive International Policy in S&T" of the EU's Scientific and Technical Research Committee (CREST) was set up in early 2007 in the frame of the open method of coordination under the German EU-Presidency. It completed its work at the end of 2008.



Опубликованы доклады второго этапа деятельности рабочей группы CREST «Internationalisation of R&D».

Рабочая группа «Internationalisation of R&D - Facing the Challenge of Globalisation: Approaches to a Proactive International Policy in S&T» Европейского Комитета Научно-Технического Исследования (CREST) была создана в начале 2007 г. в рамках открытого метода координирования. Она закончила свою работу в конце 2008 г.

The aim of the working group was the analysis of approaches of EU member states and associated countries to cooperation with third countries in research, development and innovation. Moreover, good practice examples and lessons learnt in the area of international research cooperation were collected and national internationalisation strategies and initiatives were discussed. Furthermore, the working group contributed intensively in the discussion regarding the development of a strategic European framework for international science and technology cooperation.

The International Bureau of the German Federal Ministry of Education and Research (BMBF) participated on behalf of and in close cooperation with the BMBF in the work of the working group and chaired its meetings. Representatives of the 27 EU member states and the countries associated to the EU-Framework Programme for Research and Technological Development were invited to participate in the work of the working group.

The first report “[Policy Approaches towards S&T Cooperation with Third Countries](#)” was already published in December 2007. With the adoption of the conclusions and the recommendations of the report by CREST the first phase of the working group was completed successfully; at the same time the mandate of the working group was prolonged by another year.

In April 2009, several reports of the second phase of the working group were published:

- General report: Exploring synergies through coordinating policy measures between the EU Member States, Associated Countries and the European Commission – An element of the ‘New Partnership’ for ERA governance. Summary of discussions and recommendations
- Country report Russia: An Analysis of EU-Russian Cooperation in S&T
- Country report India: An Analysis of EU-Indian Cooperation in S&T
- Country report Brazil: An Analysis of EU-Brazilian Cooperation in S&T


These reports can be consulted at the internet pages of the International Bureau of the BMBF <http://www.internationales-buero.de/en/2964.php>.

The results of the work of the working group were presented to CREST on 3 April 2009. CREST suggested to the “Strategic Forum for International S&T Cooperation” (SFIC) which was newly established by the Council conclusions of 2 December 2008

- to develop an integrated concept for systematic, efficient information exchange on S&T policies in third countries and on the cooperation activities with third countries,
- to foresee activities for the coordination of marketing activities of the European Community, the Member States and Associated Countries in third countries aiming at promoting the European Research Area,
- to develop reliable and comparable indicators and data collection tools for an impact assessment of policy measures towards the internationalisation of S&T.

Contact:

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Marion Steinberger (E-Mail: marion.steinberger@dlr.de)

Source: International Bureau of the BMBF



CERES –CEI Research Fellowship Programme.

The CEI Executive Secretariat offers 10 post-doctoral fellowships with a duration of 12 months for experienced researchers (researchers already in possession of a PhD or having at least 4 years of professional research experience) from Member States of the Central European Initiative (CEI).



CERES - CEI конкурс постдокторальных стипендий

В рамках программы CERES - CEI Research Fellowship Programme, ко-финансируемой 7-ой Рамочной Программой ЕС (Marie Curie Actions) объявлен конкурс постдокторальных стипендий для ученых из стран-членов Центрально-Европейской Инициативы (CEI).

The CEI Research Fellowship Programme - CERES, co-funded by the 7FP/People - Marie Curie Actions, is meant to promote transnational mobility (incoming) of scientists from the 18 CEI Member States (Albania, Austria, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, the Czech Republic, Hungary, Italy, Macedonia, Moldova, Montenegro, Poland, Romania, Serbia, Slovakia, Slovenia and Ukraine).

CERES is promoted in cooperation with 5 partner institutions, namely:

- International Centre for Genetic Engineering and Biotechnology – ICGEB;
- International Centre for Theoretical Physics – ICTP;
- Cluster in Biomedicine – CBM;
- International School for Advanced Studies – SISSA;
- Synchrotron – ELETTRA.

These institutions cover a large spectrum of highly relevant scientific research such as physics, maths, genetics, biotechnology, neurosciences, nano-sciences and bioinformatics. Therefore fellows will be given the chance to choose the topic of their research projects, as well as their host institution.

Considering that these centres of excellence are located in the area of Trieste, Italy, and taking into account that CERES supports incoming mobility, Italian nationals are not eligible.

Apply at: ceres@cei-es.org

Deadline: 28 June 2009

More information: www.ceinet.org/CERES



Joint call Belarusian Republican Foundation for Fundamental Research - Academy of Science of Moldova for proposals “BRFFR – ASM - 2010”.



Совместный конкурс научных проектов «БРФФИ – АНМ – 2010» Белорусского республиканского фонда фундаментальных исследований и Академии наук Молдовы

В рамках конкурса поддержку получают фундаментальные исследовательские проекты длительностью до 12 месяцев .

Research areas:

- Efficient utilization of human, natural and information resources for sustainable development,
- Biomedicine, pharmaceuticals and human health,
- Agricultural biotechnologies, soil fertility and food security,
- Nanotechnology, industrial engineering, new materials and products,
- Efficient development of the energetic complex, assurance of energetic security, including by using renewable resources.

Duration of the projects: up to 12 months.

Rule for allocations: Belarusian partners have to apply to BRFFR, partners from Moldova – to ASM.

Deadline for applications: 22 June 2009

More information: <http://international.asm.md/proiecte-si-granturi/concurs-asm-frcfb-2010.html> and <http://fond.bas-net.by/if207.html>

Source: ASM



Joint call Belarusian Republican Foundation for Fundamental Research - Centre National de la Recherche Scientifique, France for proposals “BRFFR – CNRS(PICS) - 2010”.

Within the Call the 2 years 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.



Совместный конкурс научных проектов «БРФФИ – НЦНИ(PICS) – 2010» Белорусского республиканского фонда фундаментальных исследований и Национального центра научных исследований Франции.

Поддержку получают проекты в различных научных областях длительностью 2 года. Они должны выполняться совместно учеными из Беларуси и CNRS, которые уже имеют опыт сотрудничества и совместные публикации.

Scientific areas:

- Physics, mathematic and informatics,
- Technical sciences,
- Chemistry, Earth sciences,

- Biological, medical and agricultural sciences,
- Humanity sciences.

Duration of the projects: 2 years

Deadline for applications: 29 May 2009

More information (in Russian): <http://fond.bas-net.by/ifPICS.html>.

Source: BellSA



Collaborative call between the German Federal Ministry of Education and Research and Academy of Science of Moldova.

Within the framework of the German-Moldovan cooperation in science and technology, following the Memorandum of Intentions signed on 14 March 2008, the German Federal Ministry of Education and Research (BMBF) and the Academy of Sciences of Moldova (ASM) jointly launched an Open Call for collaborative research projects to be implemented in 2010 for the period of 12 months.



Совместный конкурс научных проектов Федерального министерства образования и науки Германии и Академии наук Молдовы.

В рамках научно-технологического сотрудничества между Германией и Молдовой, Академия наук Молдовы (АНМ) и Федеральное министерство образования и науки Германии (BMBF) объявили совместный конкурс научных проектов 2010 г., на период 12-ти месяцев.

Research areas:

- Citizens and governance in a knowledge-based society,
- Information and communications technologies,
- Biomedicine, pharmaceuticals and human health,
- Agricultural biotechnologies and food security,
- Nanotechnologies, industrial engineering and new materials,
- Environment and renewable energy sources.

The project proposal must encompass 2 components:

1. A basic research component and
2. A pre-feasibility study component for further collaborative research project proposals under future bilateral calls or other programmes such as the EU Research Framework Programmes (FP7).

The applications in Germany should be submitted to the International Bureau of the BMBF, while in Moldova - to the Center of International Projects of the ASM.

Deadline for applications: 10 July 2009

Contact:

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Dr. Anja Köhler (E-mail: anja.koehler@dlr.de)

Phone: +49-228-3821 458

Centrul Proiecte Internationale al ASM (www.asm.md; www.international.asm.md)



Bd. Stefan cel Mare 1, biroul 334
MD-2001, Chisinău
Ms Elena Brinza (E-mail: intprojects@asm.md)

More information: <http://international.asm.md/proiecte-si-granturi/asm-bmbf-2010.html>

Source: International Bureau of the BMBF/ ASM



Days of Moldovan Science at the Joint Institute for Nuclear Research

In the period of 14-16 May 2009 at the Joint Institute for Nuclear Research in Dubna, Russian Federation (www.jinr.ru) was held an event dedicated to Moldovan science.



Дни науки Республики Молдова в Объединенном институте ядерных исследований.

В целях продвижения и укрепления имиджа науки и инновационной сферы Республики Молдова, развития новых отношений научно-технического сотрудничества и консолидации научного потенциала для участия в совместных исследовательских проектах, 14-16-го мая 2009 года прошли «Дни науки Республики Молдова» в Объединенном институте ядерных исследований (ОИЯИ), г. Дубна, Российская Федерация.

The event was organized as a result of the cooperation between the Academy of Sciences of Moldova and the Joint Institute for Nuclear Research (JINR), and had as main aim the promotion of the image of science and innovation sphere of the Republic of Moldova, development of new directions of scientific and technical cooperation and strengthening human potential for participation in joint research projects with JINR.

On behalf of the Moldovan scientific community, at the event participated representatives of the Academy of Sciences of Moldova, Institute of Applied Physics, Institute of Electronic Engineering and Industrial Technologies, Institute of Chemistry, Technical University of Moldova, Information Society Development Institute, Agency for Innovation and Technology Transfer and Scientific Research Institute „ELIRI”.

During the three days of the event were organized a series of seminars, presentations of projects, programs, including visits to several laboratories of JINR and round tables on: “Cooperation in the field of science and basic training: Achievements and prospects” and on “Technology transfer and nanotechnologies in the Republic of Moldova”.


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Source: ASM

 **International Symposium on Self-Propagating High-Temperature Synthesis to be held in Armenia.**

The 10th International Symposium on Self-Propagating High-Temperature Synthesis, SHS-2009, will be held in Tsakhkadzor, Armenia, on 6-11 July, 2009.

 **10-й Международный симпозиум по теме: “Самораспространяющийся высокотемпературный синтез” будет проведен в Армении.**

Симпозиум пройдет в курортном городе Цахкадзор, 6-11 июля, 2009г.

SHS-2009 will offer a scientific programme with invited speaker lectures featuring some of the world's leading experts in the field. Submitted abstracts will be selected for oral presentation, poster session or special sessions.

More information: <http://www.shs2009.sci.am/>

Source: CIT

 **7th Seventh International Conference on Computer Science and Information Technologies – 2009 in Yerevan.**

The Institute for Informatics and Automation Problems of NAS RA organizes the Seventh International Conference on Computer Science and Information Technologies (CSIT 2009), which will be held on 28 September - 2 October 2009, in Yerevan, Armenia, at the National Academy of Sciences.

 **Седьмая международная конференция по компьютерным наукам и информационным технологиям – 2009 в Ереване.**

Институт проблем информатики и автоматизации НАН РА проведет Седьмую международную конференцию по компьютерным наукам и информационным технологиям (CSIT 2009), которая пройдет с 28 сентября по 2 октября, 2009г. в Ереване, Армения, в Национальной Академии наук.

The aim of the Conference is to encourage the exchange of scientific and technological information between researchers in the field of Computer Science and Information Technologies.

The major topics include, but are not limited to the following:

- Discrete Mathematics and Combinatorial Analysis
- Information Theory and Coding Theory
- Artificial Intelligence and Management Support Systems
- Pattern Recognition and Image Processing
- Parallel and Distributed Computing
- Cluster and Grid Computing
- Design and Testing
- Telecommunication and Networking
- Information Technologies and Applications

More information: <http://www.csit.am/2009/>

Source: CIT



International Advanced Research Workshop “Modern Problems in Optics & Photonics” in Yerevan.

The Workshop dedicated to the 90th Anniversary of the Yerevan State University will be held in Yerevan, Armenia on 27 August - 2 September 2009, at the Department of Physics of Yerevan State University. Part of the workshop will be also held in the Institute for Physical Research of National Academy of Sciences of Armenia, in Ashtarak.



Международный семинар “Современные проблемы оптики и фотоники” пройдет в Ереване.

Международный семинар на тему “Современные проблемы оптики и фотоники”, посвященный 90-летию Ереванского государственного университета, будет проведен с 27 августа по 2 сентября, 2009г. в Армении, на кафедре физики Ереванского государственного университета. Часть семинара будет проходить в Институте физических исследований Национальной академии наук Армении в Аштараке.

The purpose of this Workshop is to provide a good opportunity for experts working in optics and photonics, to discuss the latest results, to stimulate interdisciplinary exchanges and to consider the prospects of new applications. It will bring together experienced and young scientists working on various aspects of optics and photonics, to discuss the most recent developments in that area. Students will have opportunity to present their research both oral and poster presentations.

The workshop program will cover all aspects of optics and photonics with focus on new and exciting developments and results in physics of coherent light sources, photonic crystals and metamaterials, biophotonics, linear and non-linear optics, modeling of complex systems, quantum optics & quantum information, atomic spectroscopy, laser instrumentation and crystal growth.

More information: <http://www.ipr.sci.am/mpop/index.html>

Source: CIT

Belarus

Беларусь



The Decree “On some measures for stimulating innovation activities in Belarus” is signed by the President.

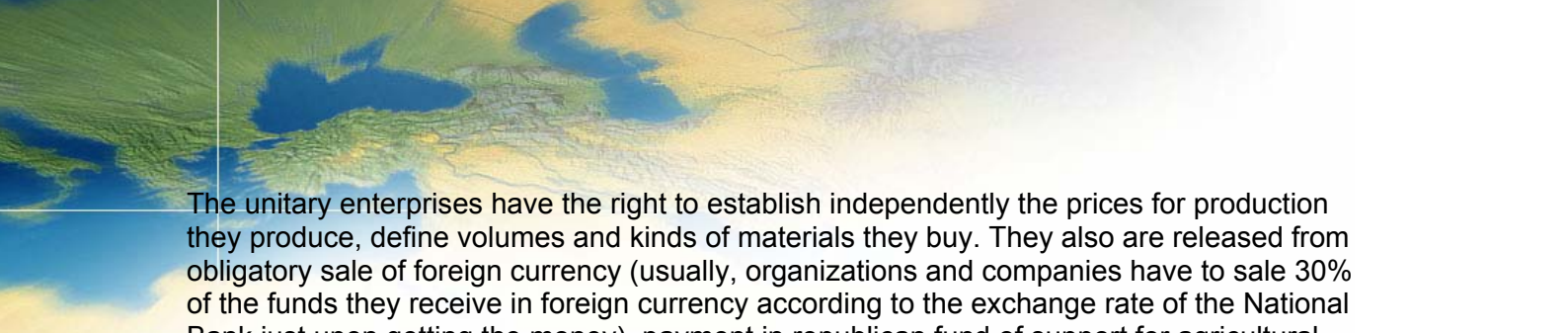


Подписан указ «О некоторых мерах по стимулированию инновационной деятельности в Республике Беларусь»

The President of Belarus signed Decree № 123 “On some measures for stimulating innovation activities in Belarus” on 9 March 2009.

<http://pravo.by/webnpa/text.asp?RN=p30900123> (full text in Russian).

For the purposes of carrying out research activities and developments, scientific organizations and universities have been given a right to create unitary enterprises possessing some privileges.



The unitary enterprises have the right to establish independently the prices for production they produce, define volumes and kinds of materials they buy. They also are released from obligatory sale of foreign currency (usually, organizations and companies have to sale 30% of the funds they receive in foreign currency according to the exchange rate of the National Bank just upon getting the money), payment in republican fund of support for agricultural production manufacturers and taxation by the import customs duties on the equipment imported for the purposes of R&D activities. Besides, the enterprises created have got the right within the three years from the start of manufacture of high tech production to deduct up to 2% of profits from its realization to the executors of R&D. These deductions have to be referred to production cost price.

Realization of the Decree will assist in expanding the national innovative infrastructure, creating new working places, and also attracting investors. It has to become a stimulus for activating the innovative activities of S&T and educational institutions in Belarus.

Source: Press-service of the President of Belarus (<http://president.gov.by>).



International Conference on Knowledge Based Development

United Nations Economic Commission for Europe and the State Committee for Science and Technology of Belarus will carry out the International Conference on Knowledge Based Development (Minsk, Republic of Belarus, 10-12 June 2009).



Международная Конференция по развитию экономики, основанной на знаниях.

10-12 июня 2009 г. Европейская экономическая комиссия Организации Объединенных Наций и Государственный комитет по науке и технологиям Республики Беларусь проводят в Минске Международную конференцию по развитию экономики, основанной на знаниях.

Organizers:

- United Nations Economic Commission for Europe
- State Committee for Science and Technology of Belarus
- Belarusian Institute of System Analysis and Information Support of Scientific and Technical Sphere.

The Conference is initiated by the Economic Commission for Europe of the UN and carried in accordance with the order of the Council of Ministers of the Republic of Belarus of 20 March 2009 N 34/310-99. It's supported by the CIS Executive Committee and United Nations Development Program.

The aims of the Conference:

- Informing national experts engaged in developing and realization of the innovation policy, and also in its coordination on different levels about the best foreign experience and modern tendencies in this area in EU, USA and CIS;
- Presenting the main areas and results of Belarus activities in creating conditions for innovation development of the country and developing the knowledge based economy;
- Exchange of experience in stimulating and supporting innovations.

Thematic sessions of the Conference:

- Creating a supportive environment for innovative development
- Financing innovations

- Commercialization and protection of intellectual property
- Public-private partnerships and innovative development

Venue: "BELARUS" Hotel, 15, Storozhevskaya str., Minsk

Languages: Russian, English. Simultaneous translation will be provided.

The preliminary program (by 5 May 2009) and the Conference poster are available at:
http://belisa.org.by/en/news/stnews/international/info_conf_UNECE.html

More information (in Russian):

http://belisa.org.by/ru/news/stnews/international/inf_conf10_06_09.html

Source: BellSA

Kyrgyzstan

Киргизия



The employees of the Academy of Science worked out a unique nanotechnology



Сотрудники Академии Наук Киргизии разработали новую нанотехнологию на основе углерода

The employees of the Chemistry Institute of the National Academy of Science of the Kyrgyz Republic have developed a high-tech, unique nanotechnology on the basis of carbon-fullerene. The work on the development of nanotechnology in Kyrgyzstan has been carried out for 23 years since 1985. As a result, the unique method on the basis of emission of carbons on components, in particular, so-called fullerene has been developed.

The specialists of the nanotechnology laboratory of the National Academy of Science have developed the method of getting fullerene soot which is very effective if it is added in engine oil. This component not only improves the work of engine but it also eliminates minor defects and scratches.

High technologies are applied in all spheres of vital ability: in space, metallurgy, medicine, agriculture, alternative power, cosmetology, modern electronics and in many other spheres.

Source: National Library of the Kyrgyz Republic

Moldova

Молдова



Moldovan Chairmanship of the Commonwealth of Independent States (CIS).

2009 is the year of the Moldovan Chairmanship of the Commonwealth of Independent States (CIS). In this context, in the period of 24-25 September 2009 in Chisinau will take place the fourth edition of the Forum of Intellectuals of the CIS Member States.



Председательство Республики Молдова в Содружестве Независимых Государств.

В период председательства Республики Молдова в Содружестве Независимых Государств (2009 г.), Молдова концентрирует внимание на усилении сотрудничества в области науки, инновации и молодежной политики. В этом контексте, 24-25 сентября 2009 в Кишиневе будет иметь место четвертый выпуск Форума интеллигенции Государств-членов СНГ.

The event, aiming on strengthening the cooperation between the scientific, cultural, artistic communities of the CIS Member States, is organised by the Academy of Sciences of Moldova, in accordance with the Decision of the Moldovan Government “On establishment of the Organizing Committee for the Forum of Intellectuals of CIS Member States “.

The Forum, to be held in Chisinau for the first time, will bring together Presidents of Academies of Sciences, Ministers of Education, heads of organizations dealing with intellectual property rights and certification of scientific staff, Presidents of Councils of Rectors people of culture and creation from all over the CIS states.

The Forum will approach several specific themes, which are organized in the following 7 working sessions: (1) science and education, (2) cultural heritage, (3) literature and publishing, (4) theatre, film, music and art, (5) architecture and design, (6) mass-media, and (7) youth cooperation.

The importance of this forum lies in the need to promote and strengthen relations of socio-economic cooperation, as well as an opportunity to exchange views, ideas, and experience to the mutual enrichment of social and spiritual values. The expected number of participants is about 300.

Taking this opportunity, on 23 September, will take place the annual meeting of the International Association of the Academies of Sciences (IAAS), where the main subject for discussions will represent the contribution of the Association to the training of scientists and management of migration flows of scientists.

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Tel./Fax: +373 22 54 29 50

Source: ASM

 **FP7 National Contact Points in Moldova.**

As a result of a contest among young researchers, announced in 2008 by the Supreme Council for Science and Technological Development of the Academy of Sciences of Moldova, six young researchers were nominated as National Contact Points (NCP) for seven thematic priorities of FP7. Besides these, an NCP for mobility was nominated within the Center of International Projects of the ASM and an NCP for small and medium-sized enterprises – within the Agency for Innovation and Technology Transfer.



Национальные контактные точки в Молдове.

В рамках конкурса организованным Высшим Советом по Науке и Технологическому Развитию Академии наук Молдовы в 2008 г., 6 молодых ученых были номинированы в качестве Национальных контактных точек по главным направлениям 7-й Рамочной программы ЕС, а также несколько сотрудников из вспомогательных организаций АНМ.

The activity of this newly created network is coordinated by the Academy of Sciences of Moldova, mainly by the Department of European Integration and International Cooperation and supported by the Center of International Projects.

The list of NCP:

NCP National Coordinator; INCO NCP

Academician Gheorghe Duca

President of the Academy of Sciences of Moldova

E-mail: duca@asm.md; tel.: (+373 22) 271478; fax: (+373 22) 542823

NCP Coordinator within ASM

Ms Elena Severin

Department of European Integration and International Cooperation

E-mail: elena.severin@asm.md; tel.: (+373 22) 272254; fax: (+373 22) 270502

Health NCP

Dr. Angela Paraschiv

State University of Medicine and Pharmacy “Nicolae Testemitanu”

E-mail: angela.paraschiv@fp7.asm.md; tel.: (+373 22) 205148

KBBE NCP (food, agriculture and biotechnology)

Dr. Alexei Levitchi

University of the Academy of Sciences of Moldova

E-mail: alexei.levitchi@fp7.asm.md; tel.: (+373 22) 577533

ICT NCP (information & communication technologies)

Ms Elena Zamsa

Information Society Development Institute of ASM

E-mail: elena.zamsa@idsi.md; tel.: (+373 22) 733365; fax: (+373 22) 733301

NMP NCP (nanosciences, nanotechnologies, materials & new production technologies)

Dr. Denis Nica

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Energy & Environment NCP

Dr. Veaceslav Boldescu

Department of Industrial and Ecological Chemistry, State University of Moldova; e-mail:

veaceslav.boldescu@fp7.asm.md; tel.: (+373 22) 577547

SSH NCP (socio-economic sciences and the humanities)

Dr. Diana Stan

State University of Tiraspol (Chisinau)

E-mail: diana.stah@fp7.asm.md; tel.: +373-68023253;

SME NCP (small and medium-sized enterprises)

Ms Diana Grozav

Agency for Innovation and Technology Transfer of the ASM
E-mail: diana.grozav@aitt.md; tel.: (+373 22) 549210

Mobility NCP (Marie Curie Actions)

Ms Elena Brinza
Center for International Projects of ASM
E-mail: lbrinza@mrda.md; tel.: (+373 22) 577707

All NCPs can be reached at a single e-mail address: ncps@fp7.asm.md.

Source: ASM

The Center of International Projects of the Academy of Sciences of Moldova was opened.

The Center of International Projects opened its doors in January 2009. It is an auxiliary public institution of the Academy of Sciences of Moldova (ASM) established in compliance with Article 79 of the Code on Science and Innovation of the Republic of Moldova.

Открылся Центр международных проектов Академии наук Молдовы.

Центр международных проектов был создан в январе 2009 года как вспомогательное учреждение Академии наук Молдовы в соответствии со ст.79 Кода о науке и образовании Республики Молдова с целью осуществления организации и проведения совместных международных конкурсов в области науки и инноваций, одной из сторон которых является Республика Молдова, а также администрирования билатеральных проектов. Помимо этого Центр предоставляет информационную, консультативную и техническую помощь научному сообществу Молдовы посредством проведения тренингов, семинаров и конференций международного значения, а также способствует развитию билатерального и мултилатерального международного научного сотрудничества.

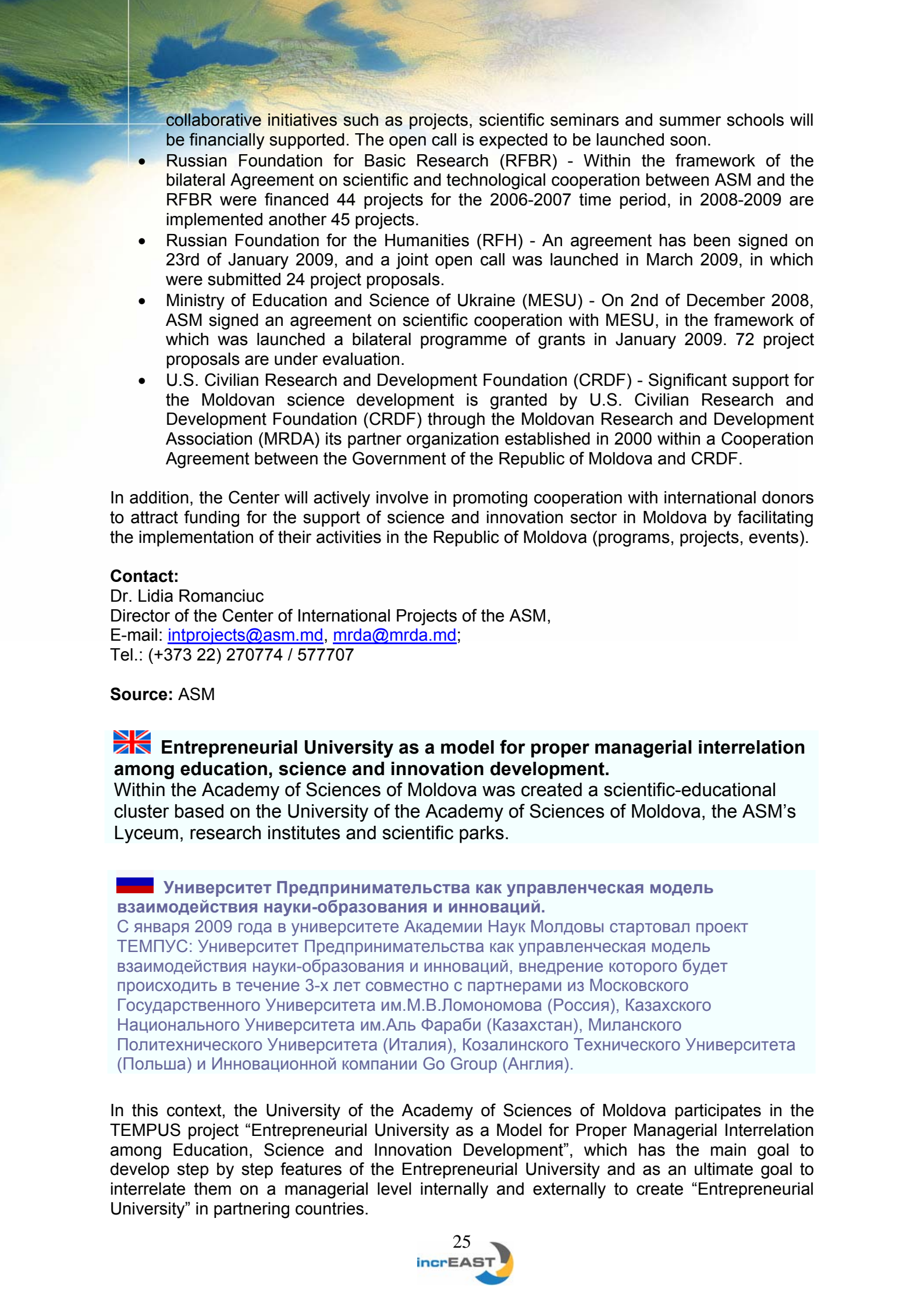
The mission of the Center is:

- to promote and administer bilateral programmes and international projects in the sphere of science and innovation;
- to offer managerial, technical, financial and legal assistance to the members of Moldovan scientific community, including consulting activities, seminars, trainings and other activities in the framework of international and bilateral projects.

The Center, jointly with the Department for European Integration and International Cooperation, are the main actors promoting international cooperation within the ASM.

Since 2005, in the framework of bilateral scientific Agreements signed between ASM and similar institutions abroad were launched bilateral grant programmes with the following institutions:

- Belarusian Republican Foundation for Fundamental Research (BRFFR) - Within the cooperation Agreement between ASM and the BRFFR are implemented 16 research projects for 2008-2009. A new call was recently launched.
- Federal Ministry of Education and Research of Germany (BMBF) - In 2009, on the basis of the Memorandum of Intentions on scientific and technological cooperation signed between ASM and BMBF in March 2008, are currently under implementation 10 collaborative research projects. A new call was recently launched.
- Romanian National Authority for Scientific Research (ANCS) - In October 2008, between ASM and ANCS was signed the Programme on bilateral cooperation in the field of scientific research, technological development and innovation. Joint



collaborative initiatives such as projects, scientific seminars and summer schools will be financially supported. The open call is expected to be launched soon.

- Russian Foundation for Basic Research (RFBR) - Within the framework of the bilateral Agreement on scientific and technological cooperation between ASM and the RFBR were financed 44 projects for the 2006-2007 time period, in 2008-2009 are implemented another 45 projects.
- Russian Foundation for the Humanities (RFH) - An agreement has been signed on 23rd of January 2009, and a joint open call was launched in March 2009, in which were submitted 24 project proposals.
- Ministry of Education and Science of Ukraine (MESU) - On 2nd of December 2008, ASM signed an agreement on scientific cooperation with MESU, in the framework of which was launched a bilateral programme of grants in January 2009. 72 project proposals are under evaluation.
- U.S. Civilian Research and Development Foundation (CRDF) - Significant support for the Moldovan science development is granted by U.S. Civilian Research and Development Foundation (CRDF) through the Moldovan Research and Development Association (MRDA) its partner organization established in 2000 within a Cooperation Agreement between the Government of the Republic of Moldova and CRDF.

In addition, the Center will actively involve in promoting cooperation with international donors to attract funding for the support of science and innovation sector in Moldova by facilitating the implementation of their activities in the Republic of Moldova (programs, projects, events).

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Source: ASM



Entrepreneurial University as a model for proper managerial interrelation among education, science and innovation development.


Within the Academy of Sciences of Moldova was created a scientific-educational cluster based on the University of the Academy of Sciences of Moldova, the ASM's Lyceum, research institutes and scientific parks.



Университет Предпринимательства как управленческая модель взаимодействия науки-образования и инноваций.

С января 2009 года в университете Академии Наук Молдовы стартовал проект TEMPUS: Университет Предпринимательства как управленческая модель взаимодействия науки-образования и инноваций, внедрение которого будет происходить в течение 3-х лет совместно с партнерами из Московского Государственного Университета им.М.В.Ломономова (Россия), Казахского Национального Университета им.Аль Фараби (Казахстан), Миланского Политехнического Университета (Италия), Козалинского Технического Университета (Польша) и Инновационной компании Go Group (Англия).

In this context, the University of the Academy of Sciences of Moldova participates in the TEMPUS project “Entrepreneurial University as a Model for Proper Managerial Interrelation among Education, Science and Innovation Development”, which has the main goal to develop step by step features of the Entrepreneurial University and as an ultimate goal to interrelate them on a managerial level internally and externally to create “Entrepreneurial University” in partnering countries.



Other partner in this 3-year project are: Fondazione Politecnico di Milano (IT, coordinator), Koszalin University of Technology (PL), Go Group (Glasgow Opportunities, UK), Lomonosov Moscow State University (RU), POLIMI (IT); “Gravitonus” (Gravitonus-soft LLC, RU), “Whisker” Co. (RU); Al-Farabi Kazakh National University (KZ).

The kick-off meeting of the project took place in the period of 24-26 April 2009, in Moscow, Russia, in the framework of the International Conference “Innovation Entrepreneurship: from Education to Practice”

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Source: ASM

Russia

Российская Федерация



The Russian Foundation for Fundamental Research and the Austrian Science Fund announced a continuous competition for Russian-Austrian joint research projects and scientific seminars.



Российский фонд фундаментальных исследований (РФФИ) и Австрийский Научный Фонд - Austrian Science Fund - объявили конкурс совместных исследовательских проектов групп российских и австрийских ученых и конкурс на организацию двусторонних научных семинаров, проводимых в России или в Австрии.

Scientific areas:

- Mathematic, mechanics and informatics,
- Physics, Astronomy
- Chemistry and material science
- Biological and medical sciences
- Geologic science
- Humanity sciences
- Information and telecommunication systems
- Engineering

Seminars:

http://www.rfbr.ru/eng/default.asp?section_id=275 (in English)
http://www.rfbr.ru/default.asp?doc_id=29069 (in Russian)

More information:

http://www.rfbr.ru/eng/default.asp?section_id=274 (in English)
http://www.rfbr.ru/default.asp?doc_id=29070 (in Russian)

Source: HSE



11th International Conference “Mössbauer Spectroscopy and Its Applications”, 1-5 June 2009 Ekaterinburg, Russia.



11 Международная конференция «Мёссбауэровская спектроскопия и ее приложения»

С 1 по 5 июня 2009 г. Институт физики металлов Уральского отделения Российской академии наук проводит международную конференцию «Мёссбауэровская спектроскопия и ее приложения», посвященную пятидесятилетию с момента открытия эффекта Мёссбауэра».

The Institute of Metal Physics of the Ural Branch of the Russian Academy of Sciences organizes the XI International Conference "Mössbauer Spectroscopy and Its Applications". The Conference is the next due in the series of traditional international scientific conferences dedicated to the study of hyperfine interactions in condensed media by the technique of Mössbauer spectroscopy. The time when this Conference is to be held coincides with two significant events in the life of the international scientific community: the 50th anniversary of the Mössbauer effect discovery and Rudolf Mössbauer's jubilee.

The goal of the Conference is to provide an opportunity for Russian researchers and their foreign colleagues with to discuss latest achievements in the field of interaction of gamma-radiation with substances. The subject of discussion will be basic and applied results obtained in the physics of condensed state using Mössbauer and synchrotron radiation.

Topics:

- Solid-state physics and magnetism;
- Structure of the surface, thin films, multilayered and nanosized systems;
- New materials and exposure of materials to intensive effects (thermal, radiation, deformation, etc.)
- Applications in biology and medicine
- Chemistry, catalysis, structure and bonding
- Geology and mineralogy
- Synchrotron radiation and gamma optics
- New experimental methods and techniques.

Organizing Committee:

Institute of Metal Physics, Ural Branch RAS

18 S.Kovalevskaya Str., 620041 Ekaterinburg, Russian Federation

Tel.: +7(343)378-38-38; Fax: +7(343)374-52-44

Secretary in charge: Dr. Anton Litvinov: (litvinov@imp.uran.ru)


Chairman of Local Committee: Dr. Valery Shabashov: (shabashov@imp.uran.ru)

More information: <http://impo.imp.uran.ru/moessbauer/>

Source: HSE



13th IFAC Symposium on Information Control Problems in Manufacturing, 3-5 June 2009, Moscow, Russia.



13 Международный симпозиум «Проблемы управления информацией в производстве»

Институт проблем управления им. В.А. Трапезникова Российской академии наук проводит с 3 по 5 июня 2009 г. Международный симпозиум «Проблемы управления информацией в производстве».

The IFAC Symposium on Information Control Problems in Manufacturing will be hosted by V.A. Trapeznikov Institute of Control Sciences of the Russian Academy of Sciences. The Symposium will offer a forum for presenting results of the international research and development work dealing with applications of optimization methods and automation, information and communication technologies in the control of the manufacturing plant and the entire supply chain within the e-enterprise. This symposium will address the scientific challenges and issues raised by the Intelligent Manufacturing System and Supply chain paradigms for optimization and agile digital control of the entire production system over the whole product and processes life cycle, from the design, through the manufacturing and maintenance, to the distribution and service.

Topics:

- Design and Reconfiguration of Manufacturing Systems
- Facility Planning and Materials Handling
- Inventory Control, Production Planning and Scheduling
- Monitoring, Diagnosis and Maintenance of Manufacturing Systems
- Probabilistic & Statistical Models in Industrial Plant Control
- Web-enabled Manufacturing Control and Wireless Automation
- Process Modeling and Information Systems within the Extended Enterprise
- Socio-technical and Cognitive Aspects of Automation
- Intelligent Manufacturing Systems Modeling and Applications
- Distributed Systems and Multi-agents Technologies
- Discrete Event Systems in Manufacturing
- Operational Research Applications in CAD/CAM/CAE
- Industrial and Applied Mathematics for Production

More information: <http://incom09.org/>

Source: HSE

 **International Forum “Endocrine Surgery: Current Concepts of Diagnostics and Treatment”, 12-13 June 2009, Saint-Petersburg, Russia.**


 **Международный научный форум "Современные технологии в эндокринной хирургии"**

Международный научный форум "Современные технологии в эндокринной хирургии" пройдет в Санкт-Петербурге с 12 по 13 июня 2009 г. Форум будет посвящён современным принципам лечения рака щитовидной железы.

The International Scientific Forum devoted to the diagnostic and treatment of thyroid malignant tumors will take place on June 12-13, 2009 in St. Petersburg, Russia. Forum is organized by North-Western Regional Medical Centre of Federal Agency of Healthcare – one of the largest centers of endocrinology and endocrine surgery in Russia.

The main subjects of the Forum:

- Diagnostics of thyroid cancer

- 
- Operative technologies in thyroid cancer treatment
 - Treatment of differentiated thyroid cancer
 - Medullary thyroid cancer

More information: <http://endocrinecongress.com/eng/index.htm>

Source: HSE

 **International Conference "Fluxes and Structures in Fluids: Physics of Geospheres", 24-27 June 2009, Moscow, Russia.**

 **Международная конференция «Потоки и структуры в жидкостях»**

Институт проблем механики РАН, Российский государственный гидрометеорологический университет и Московский государственный университет им. М. В. Ломоносова организуют 24–27 июня 2009 г. Международную конференцию «Потоки и структуры в жидкостях» при поддержке Российской академии наук и Российского фонда фундаментальных исследований.

This conference continues the traditions of all-union (till 1990) and international sessions of the Working Group “Laboratory Modelling of Dynamic Processes in the Ocean”.

The scientific program of the conference "Fluxes and structures in fluids" includes the most relevant and well-developed research topics. The conference is the fifteenth in the series and we have fortunate opportunity to invite you to join the scientific program of conference in June 2009.


The conference program includes invited lectures, oral and poster presentations within the following topics:

- Macro- and micro-structures in environmental systems: the atmosphere, hydrosphere, cryosphere and geosphere;
- Interaction of the geospheres;
- Physics and mechanics of heterogeneous fluids, gas-fluid systems and suspensions, including ones in external electric and magnetic fields;
- Physical and chemical effects on formation of liquid structures;
- Analytical, numerical, and laboratory modelling of environmental systems;
- Waves, vortices, coherent structures and turbulence;
- Technical and technological applications.

The conference is organized by: M.V. Lomonosov Moscow State University (MSU), the Institute for Problems in Mechanics of the Russian Academy of Sciences, Russian State Hydrometeorological University


More information: <http://lfm-ipm.ipmnet.ru/>

Source: HSE

 **8th International Conference “Mechanisms of Catalytic Reactions” dedicated to the 70th anniversary of Professor Kirill I. Zamaraev, 29 June - 2 July, 2009, Novosibirsk, Russia**

 **8 Международная конференция «Механизмы каталитических реакций».**

Конференция посвящается 70-летию со дня рождения академика К.И. Замараева и будет организована в Новосибирске с 29 июня по 2 июля 2009 г.



International Conferences “Mechanisms of Catalytic Reactions” have a status of a regular international conference devoted to the most complicated problems of the modern physical chemistry and catalysis:

- Mechanisms of homogeneous and heterogeneous catalysis at the atomic and molecular scale;
- Physical methods for the study of mechanisms of heterogeneous and homogeneous catalytic reactions, including in situ techniques;
- Theory and quantum-mechanical approaches in catalysis;
- Catalysis in nature, biomimetic catalysis and photocatalysis.

During the Conference, the Organizing Committee plans to organize the exhibition of advertising materials of companies producing analytical equipment and devices for physicochemical characterization of catalysts, supports and porous materials, as well as analytical tools for catalyst testing. Exhibition facilities (tables, stands, video-projectors, etc.) for displaying and demonstrating the materials will be available.

Key dates:

January 25, 2009 – Submission of registration forms and Abstracts.

February 1, 2009 – Visa documents submission

March 25, 2009 – Notification of acceptance.

Distribution of the Second Circular:

April 30, 2009 – Distribution of preliminary Scientific Program

June 1, 2009 – Distribution of the final Scientific Program

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More information: <http://www-sbras.nsc.ru/ws/MCR-ZAM/index.en.html>

Source: HSE



3rd IEEE Multi-conference on Systems and Control 8-10 July 2009, St. Petersburg, Russia.



Международные конференции IEEE.

8-10 июля 2009 г. Общество систем управления IEEE и Институт проблем машиноведения Российской академии наук организуют в Санкт-Петербурге две международных конференции IEEE.

The 2009 IEEE Multi-conference on Systems and Control (MSC), to be held at the Park Inn hotel in Saint Petersburg, Russia on July 8-10, 2009, will consist of two of the major international conferences promoted by the IEEE Control Systems Society:


- the 18th IEEE International Conference on Control Applications (CCA) - initiated in 1992 - with the goal of bringing together experts from academy and industry from different countries to present new research results in control applications, promoting and encouraging industrial participation in the activities of the IEEE Control Systems Society;

- the 24th IEEE International Symposium on Intelligent Control (ISIC) - initiated in 1985. It provides a unique opportunity for researchers and practitioners from different areas to discuss innovative control algorithms, also developed by emulating certain characteristics of intelligent biological systems, and recent advancements in computing technology, that may open avenues for significant technological advances.

Organizers: IEEE Control Systems Society; Institute for Problems of Mechanical Engineering of RAS

More information: <http://conf.physcon.ru/msc09/>

Source: HSE

 **10th International Conference on Fluid Control, Measurements and Visualization, 17-21 August 2009, Moscow, Russia.**

 **10 Международная конференция по управлению течениями и методам их исследования (FLUCOME).**

Объединенный институт высоких температур Российской академии наук, Центральный аэрогидродинамический институт и Институт химической физики имени Семёнова Российской академии наук будут проводить X Международную конференцию по управлению течениями и методам их исследования (FLUCOME). FLUCOME-10 обеспечит форум для исследователей, где можно будет обменяться мнениями и последней информацией в широких рамках: тематическая направленность включает спектр научных проблем от гидравлики с большими характерными размерами до мелкомасштабных явлений в нано-, микро- и биотехнологии. Темы докладов конференции включают в себя процессы в жидкостях и газах в широком диапазоне масштабов: микромасштабные течения инженерной биомеханики, мелкомасштабные течения в каналах и глобальный масштаб геофизических и метеорологических течений.


The Joint Institute for High Temperatures of the Russian Academy of Sciences, Central Aerohydrodynamic Institute, and Semenov Institute of Chemical Physics of the Russian Academy of Sciences will host the 10th International Conference on Fluid Control, Measurements, and Visualization (FLUCOME) in Moscow. FLUCOME is the series of well-established international conferences. The first conference was held in Japan in 1985. The 10th FLUCOME will provide a forum for researchers to exchange the latest information and technologies from large-scale phenomena of hydraulics to small scales of nano-, micro-, and bio-technology in multiple disciplines, such as engineering, physics, biological sciences, oceanography, and meteorology.

Conference topics include fluid processes across a wide range of scales: micro-scale biomechanical engineering flows, small-scale machine flows, large-scale civil and environmental fluid flows, and global-scale geophysical and meteorological fluid flows.

More information: <http://www.ihed.ras.ru/flucome10/>

Source: HSE

 **7th IASME/WSEAS International Conference on Health Transfer, Thermal Engineering and Environment / 7th IASME/WSEAS International Conference**



on Fluid Mechanics and Aerodynamics, 20-22 August 2009, Moscow, Russia.

 **Международные Конференции IASME/WSEAS.**

20-22 августа 2009 г. в Москве будут параллельно организованы две международные конференции IASME/WSEAS: по теплопереносу, термознергетике и окружающей среде и по механике жидкостей и аэродинамике.

The two conferences will be held in parallel:

- 7th IASME / WSEAS International Conference on HEAT TRANSFER, THERMAL ENGINEERING and ENVIRONMENT (HTE'09);
- 7th IASME / WSEAS International Conference on FLUID MECHANICS and AERODYNAMICS (FMA'09).


The HTE 2009 is sponsored by IASME, WSEAS, WSEAS Transactions on Heat and Mass Transfer, WSEAS Transactions on Fluid Mechanics, WSEAS Transactions on Environment and Development, WSEAS Transactions on Applied and Theoretical Mechanics, WSEAS Transactions on Mathematics

In Collaboration with the WSEAS IWG (International Working Group) on Heat and Mass Transfer, the WSEAS Working Group on Fluid Mechanics , the WSEAS Working Group on Environment and Development, the WSEAS Working Group on Applied and Theoretical Mechanics and the WSEAS IWG on Applied and Theoretical Mathematics.

More information: <http://www.wseas.org/conferences/2009/russia/hte/>
<http://www.wseas.org/conferences/2009/russia/fma/>

Source: HSE

 **International Bogolyubov Conference on Problems of Theoretical and Mathematical Physics, 21 – 27 August 2009, Moscow-Dubna, Russia.**

 **Международная конференция, посвященная проблемам теоретической и математической физики пройдет с 21 по 22 августа 2009 г. в Москве и с 23 по 27 августа в г. Дубна.**

The International Bogolyubov Conference Problems of Theoretical and Mathematical Physics will be held from August 21 to August 22, 2009 in Moscow at the Russian Academy of Sciences and from August 23 to August 27, 2009 in Dubna at the Joint Institute for Nuclear Research. The Bogolyubov Conference-2009 is dedicated to the 100th anniversary of the birth of the outstanding Russian scientist - mathematician and physicist Nikolai Nikolaevich Bogolyubov (21.08.1909 - 13.02.1992).

The total number of participants is expected to be about 250. The conference program will include review talks at plenary sessions and original contributions at several parallel sections. The conference language will be English. Participation in the Bogolyubov Conference is by invitation only.

Conference Agenda:

A layout of the six-day conference program includes 23 plenary lectures (40 minutes duration) scheduled for the six morning sessions. The three parallel sessions with short talks

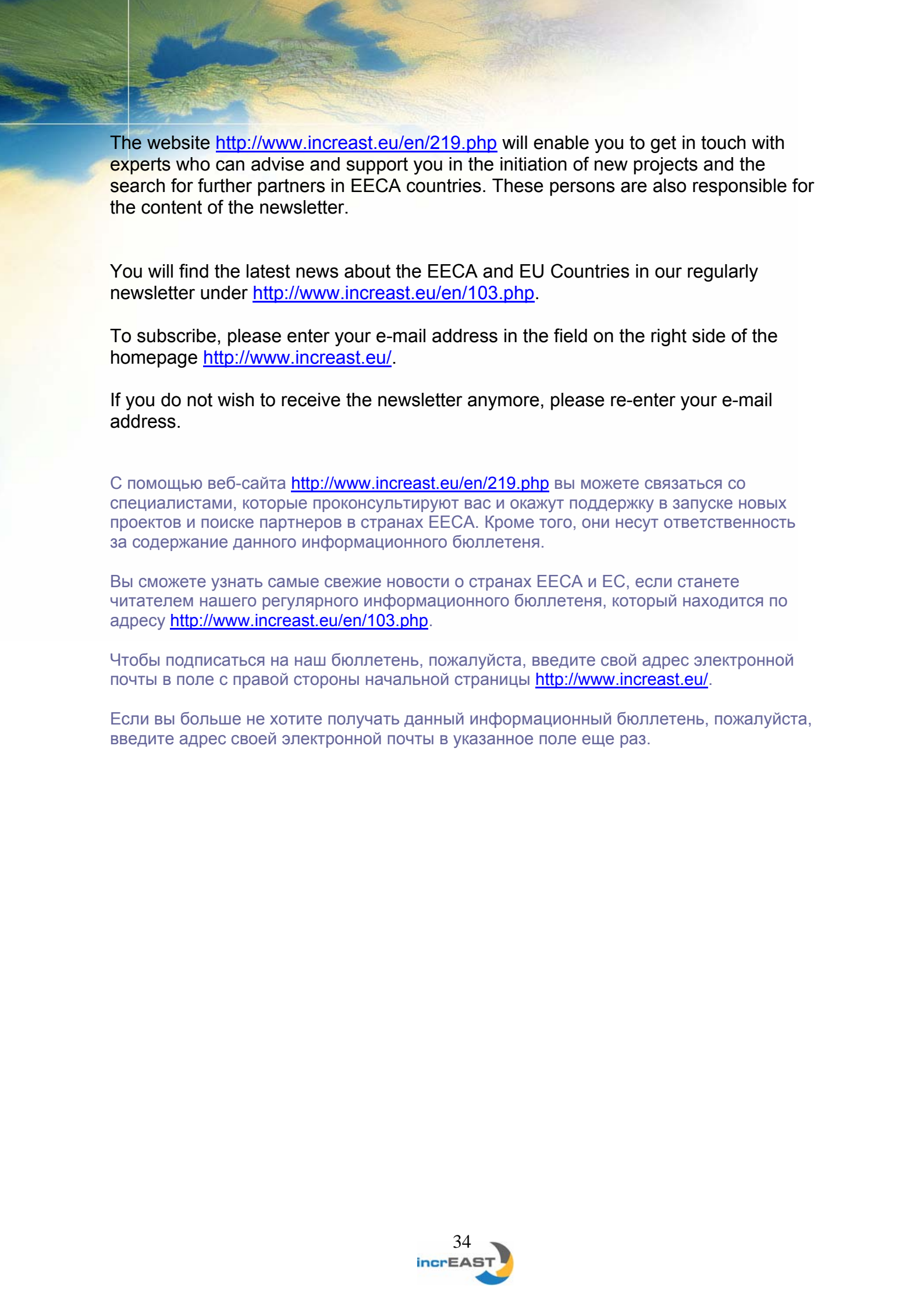
(about 20 minutes duration) will be held in the afternoon. The poster sessions will be presented as a parallel session on August 24 - 26, 2009.

Parallel sessions:

- Mathematics and nonlinear mechanics
- Quantum field theory and theory of elementary particles
- Statistical mechanics and kinetics
- Nuclear physics

More information: <http://bog2009.jinr.ru>

Source: HSE



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