

5-100 Digest



Per Aspera in Repertorium



Breaking news



Breakthrough of Russian universities into the BRICS & Emerging Economies Universities Rankings

Seven Russian universities made it into the top 100 of the best BRICS & Emerging Economies Universities Rankings compiled by one of the most influential academic raters in the world - Times Higher Education. Project 5-100 universities also have reason to celebrate.

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Project 5-100 and Brazilian universities on the road to effective cooperation

The leaders of the largest Brazilian universities came to Russia for an official visit, stopping in Moscow, St. Petersburg and Yekaterinburg. Their stay was packed with numerous events which enabled them to gain fuller understanding of Project 5-100 in particular and of Russian higher education in general.

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Moscow hosted the BRICS & Emerging Economies Universities Summit

On the 3rd and 4th of December, representatives of the best BRICS and emerging economies universities took part in a University Summit organized by Project 5-100 and the British magazine Times Higher Education (THE) in Moscow.

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Project 5-100 universities among the leaders in QS University Rankings

On 17 December, QS Quacquarelli Symonds, who has been publishing QS World University Rankings for many years now, presented a new global rating in Budapest: Emerging Europe and Central Asia 2014/15 (EECA). Almost all Project 5-100 participants are among this coveted group.

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What's new with you?



MIPT Wings: Department of Aerodynamics and Flight Engineering Launches Flight Training Program

On December 18, students of the Department of Aerodynamics and Flight Engineering (DAFE) made their first flights in a Tecnam-2002 Sierra light aircraft as part of the training program 'Aerophysical and Flight Experiment.' During the flights, the students conducted practical research. The DAFE plans to carry out joint projects with the Department of Aerophysics and Space Research (DASR) by performing tests using aircraft.

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The ITMO University students are the champions on programming in Russia

The Northeastern European semi-final of the student championship on programming ACM ICPC ended with a brilliant victory of the students from the ITMO University. It was held past weekend in the ITMO University main building. In a bitter struggle teams from Russia and neighboring countries competed for the right to represent their country and their university in the final of the championship, which will be held in 2015.

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TSU scientists are engaged in the calculation of the trajectory of asteroids that threaten Earth

Employees of TSU's Department of Celestial Mechanics and Astrometry NII PMM are engaged in computing of the asteroids' trajectories. In addition, the scientists are developing their own methods of calculation to help determine which of the small celestial bodies may threaten our planet. Two employees of the Department are members of the expert working group on space threats.

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Associate professor of FEFU Kirill Golokhvast named the best young scientist of Eurasia

Associate Professor of FEFU Engineering School Kirill Golokhvast became the winner of the international contest "The best young scientist of Eurasia" in the category "Human ecology". This year's contest was devoted to ecology and was attended by more than 100 research participants. As told by Kirill Golokhvast, at the international contest he presented his work in the field of nanotoxicology.

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HSE Students Win Competition for Public Service Advertising Against Corruption

Students at the HSE School of Integrated Communications, Faculty of Communications, Media and Design won all the prizes in a public service advertising competition against corruption. The contest is run by the Moscow City department for competition policy. The HSE students' posters were selected from 175 pieces submitted from different Russian regions and the near abroad.

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TPU to Help Asian Universities Train Specialists to Work in Russia

Higher education institutions in Central Asia will be able due to help of Tomsk Polytechnic University to train specialists required both at home and in Russia, said Vice-Rector of the Kyrgyz-Russian Slavic University (KRSU) Valery Lelevkin. TPU hosted delegations of KRSU and Russian-Tajik Slavic University (RTSU) that had been created with the participation of the Ministry of Education of the Russian Federation to work in Central Asia.

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UNN Alumnus Zakhar Prilepin is awarded Big Book Prize

This year's Russian National Big Book Prize was awarded Tuesday to Zakhar Prilepin, one of the most famous contemporary Russian novelists and a well-known alumnus of the Faculty of Philology of Lobachevsky State University of Nizhni Novgorod (UNN). The prize was established in 2005 to recognize excellence and it is reported to be the second most financially lucrative literary award in the world after the Nobel Prize for Literature.

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MISiS opens a new supercomputer cluster

The National Research University MISiS has opened a supercomputer cluster. Its purpose is to make sure that new materials with targeted properties get launched into the market-place at twice the speed as in the past. The cutting-edge lab was set up within the framework of a mega-grant from the Russian Government awarded in an open contest. Today, almost any modern project, regardless of its purpose, requires new "smart" materials with targeted properties.



UrFU scientists developed the most stable system of radio sounding in the world

The development team of UrFU Institute of Radio Electronics and Information Technologies worked on a unique system of radio-sounding "POLUS" for the Russian cosmodrome for three years. It is a complex of two sensing systems, two radar systems and one radiometric system. The system had been developed and tested for the first time in December 2012 at the Baikonur Cosmodrome.

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NSU Hydromechanics Research Recognized Internationally

One of the new mirror laboratories at NSU, the Laboratory of nonlinear processes in Hydrodynamics systems, has started its research projects. The scientific advisor Prof. Sergey Gavriilyuk (Aix-Marseille University, France) has been invited to head the Laboratory. December began with his lectures for NSU students devoted to the modern theory of multiphase flow modeling via Hamilton's principle.

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KFU student Nikita Pechunov wins the National Olympiad dedicated to the history of World War I

The National History Olympiad was dedicated to the 100th anniversary of the start of World War I. It was organized by the German Embassy, the German Institute of History, and the Goethe German Cultural Center in Moscow, and created for the benefit of university history majors and scholars of related subjects such as political science and European studies.



SPbPU signs a collaboration agreement with the University of Oslo

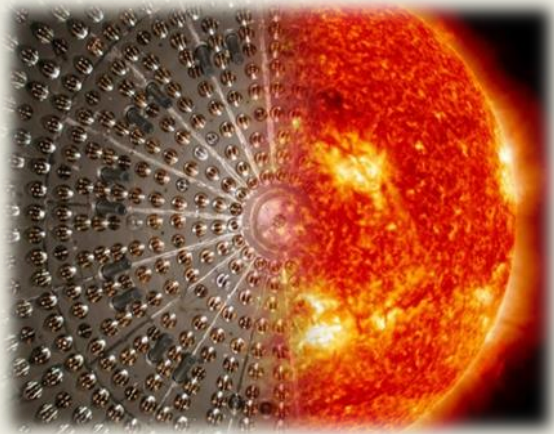
On 17 December, St. Petersburg State Polytechnic University and the University of Oslo (Norway) signed a Collaboration Agreement. According to the procedure established in Norway, the University of Oslo was authorized to represent and speak on behalf of all other Norwegian universities. Accordingly, this agreement opens the door to cooperation with all Norwegian universities for the St. Petersburg Polytechnic.



SSAU scientists will help Swiss jewelers

Vladimir Glushchenkov, SSAU professor and the Head of the Research Laboratory of Advanced Technological Processes of Plastic Deformation held a seminar on magnetic pulse technology and their scope in the Swiss city of Neuchatel. The Representative of the company "Rich" is confident that Samara magnetic pulse installations may provide better quality work with gold and platinum, clamp precious and semiprecious stones in jewellery more carefully.

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Results of "Borexino" experiment with NRNU MEPhI participation are among 10 most important scientific results

The "Physics World" magazine has called researches of solar neutrinos fluxes, performed by an international team of scientists, united in collaboration "Borexino", as the most important scientific achievement of the outgoing year. The collaboration includes physicists from several research centers in Europe, Russia and the US. The Russian side is represented by scientists from the Kurchatov Institute, "MEPhI", Joint Institute for Nuclear Research, Lomonosov MSU.

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ETU "LETI" employees awarded by the Administration of Saint Petersburg

The committee on science and the higher school summed up the results of competition of 2014 of the Administration of St. Petersburg in the field of scientific and pedagogical activity. 3 Saint Petersburg Electrotechnical University "LETI" employees are among winners: professor Artem Gryaznov, associate professor Alexey Kolyanov, associate professor Ekaterina Filatova.



Project related news



Times Higher Education (UK): the video of NSU proved to be the most popular online

The video of NSU became the most popular among finalists of the international competition of videos. The rating agency in the field of education of Times Higher Education annually holds competition of videos among universities of the world. This year participants needed to remove a 30-second roller on the subject "I love the University because ...". The video of NSU as noted jury of competition, became the most popular in the Internet, having gained in three months 12 thousand viewings and more than one thousand likes. The winner is Canadian University of British Columbia (UBC), which gained 5 thousand viewings online.

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