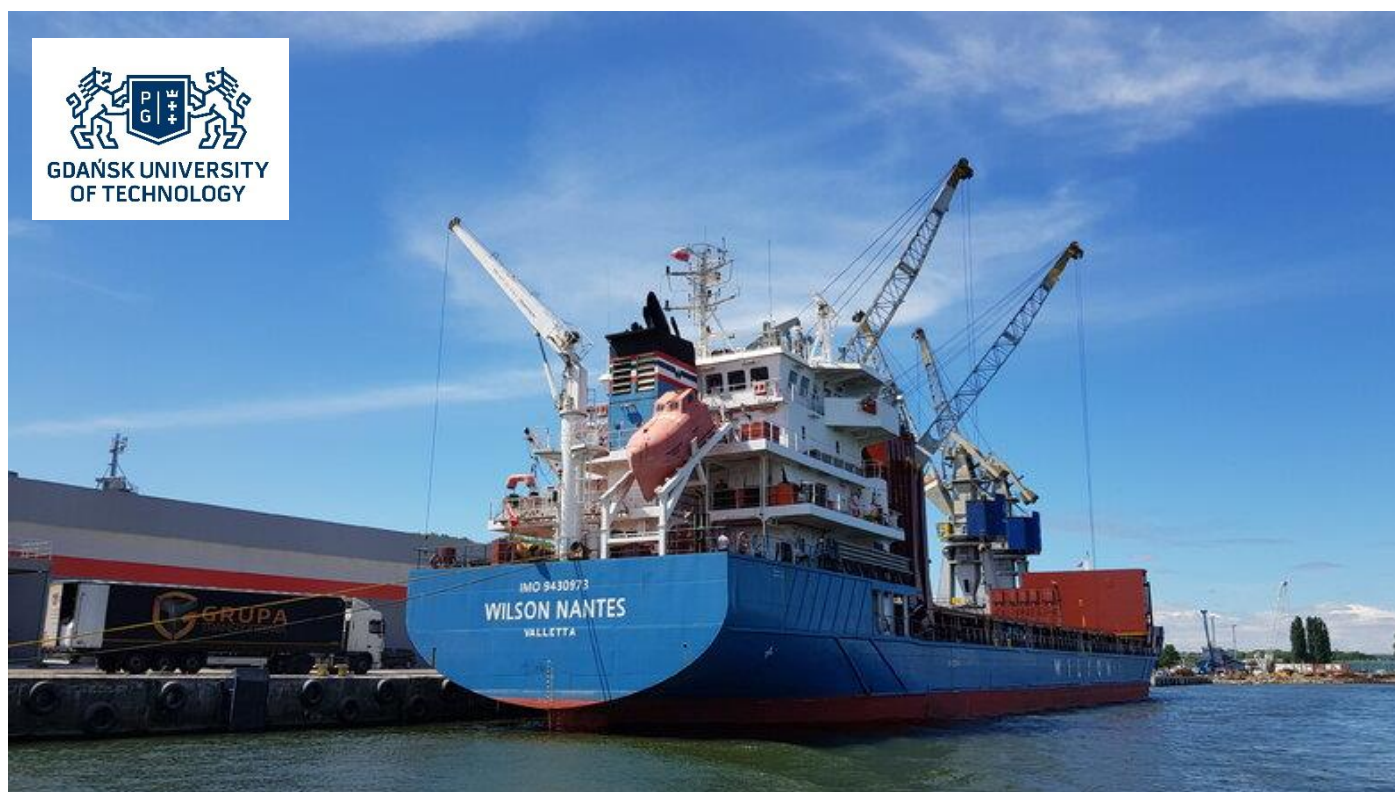


BSRUN Members' News

7-14 July 2020



BELARUSIAN STATE UNIVERSITY

For the first time Summer University 2020 is held at BSU

The courses in the field of humanitarian and natural sciences will be held from 15 July till the end of August in online format on the basis of the BSU Educational Portal. Participation in the programme is free and available for students, pupils and all interested parties. A choice of 19 academic disciplines is offered while the number of courses to take is unlimited. BSU will host a school in applied mechanics and a school of young economist as well, an online educational forum for editors and authors of student publications and a competition of startup projects StartUp Heart. The Summer University programme is available [here](https://bsu.by/news/vpervye-v-bgu-startuet-letniy-universitet-2020-d/).

Source: <https://bsu.by/news/vpervye-v-bgu-startuet-letniy-universitet-2020-d/>

GRODNO STATE AGRARIAN UNIVERSITY

Meeting with Valery Belsky, Assistant to the President of the Republic of Belarus

Valery Belsky, Assistant to the President of the Republic of Belarus and **Vladimir Samsonovich**, Head of the Directorate General for Education, Science and Human Resources of the Ministry of Agriculture and Food of the Republic of Belarus met students and staff. A number of topics were discussed from support for efficient enterprises, denationalisation, capital deconcentration, free medicine, youth policy, current

political situation in Belarus, private business development, public-private partnerships, regulation of the investment sphere.

Source: <https://www.ggau.by/novosti/5454-vstrecha-s-pomoshchnikom-prezidenta-respubliki-belarus-bel-skim-valeriem-ivanovichem>

YANKA KUPALA STATE UNIVERSITY OF GRODNO

Visit of Sergey Rudy, Deputy Minister of Education, to Yanka Kupala State University of Grodno

Sergey Rudy, Deputy Minister of Education visited University to learn about the progress in the construction of university new dormitory. The new dormitory is almost ready to meet new settlers. In addition, students from university construction team are actively working on site. A 13-storey building includes 168 blocks and place for two people in each room. Each block has three living rooms, a kitchen, a bathroom and a shower. There will be also a buffet, a medical unit, a hall for cultural events and a university library in the dormitory. The courtyard is designed for outdoor activities and includes four equipped sports fields.

Source: <https://www.grsu.by/component/k2/item/34305-zamestitel-ministra-obrazovaniya-sergej-rudyi-oznakomilsya-s-khodom-stroitelstva-novogo-obshcheshchitiya-grgu-imeni-yanki-kupaly.html>

ESTONIAN UNIVERSITY OF LIFE SCIENCES

A top group of planners from Europe arrives in Tartu

The Association of European Schools of Planning (AESOP) has recently granted the right to organise Association' annual conference in 2022 to Estonian University of Life Sciences and its partners. This means that in two years up to 800 top specialists in spatial planning are expected to come. This congress has not been held before in the Baltics. The University of Tartu, Tallinn University of Technology, Tallinn University and the Estonian Academy of Arts are also involved in congress' organisation. The Estonian Association of Planners is involved as well. The Ministry of Finance, Estonian Conference Bureau and Tartu Conference Bureau gave their support letters. The AESOP members and President, **Prof. Dr. Benjamin Davy** was impressed by the topic proposed by Estonians – "Space for Species: Redefining Spatial Justice".

NB: AESOP was founded in 1987 as an international association for science, art and education in Belgium. The institution promotes postgraduate studies, organises lectures and summer schools, coordinates curricula, research articles and thematic research, and holds a major congress once a year. The association has more than 150 planning schools across Europe.

Source: <https://www.emu.ee/ylikoolist/uudised/pressiteated/uudis/2020/07/13/tartusse-saabub-planeerijate-tippseeltskond-euroopast/>

UNIVERSITY OF TURKU

University of Turku has received the status of a European University together with a transnational alliance of higher education institutions

The University of Turku is part of the European Campus of City-Universities, EC2U university alliance, which aims to promote cooperation between the alliance's universities and cities. The EC2U alliance was

established in 2017. It comprises a total of some 160,000 students and 20,000 staff from seven universities and countries. The objective of the network is to create innovative forms of collaboration and free modes of movement between the seven universities and cities – including virtually. Joint master's programmes will be developed as a one instrument for collaboration.

Thematically, the network is linked to three of the UN's Sustainable Development Goals: Ensuring healthy lives and promoting well-being at all ages (3), Guaranteeing open, equal and quality education and lifelong learning opportunities for all (4) Guaranteeing safe and sustainable cities and communities (11).

Each university in the alliance has its own area of responsibility. The University of Turku's objective is to develop learning environments and to plan events focusing on science and culture that promote sustainable development goals. In these events, the aim is to utilise the Science Battle concept, for example. In addition, the My mobile tutor application, developed by students at the University of Turku, will be distributed to all seven universities.

NB: The European Universities are alliances of several universities forming virtual inter-university campuses. The common objective of the university alliances is to highlight common European values and thus strengthen civil society and a common Europe. Each alliance will receive a maximum of 5 million in funding under the Erasmus + and 2 million funding under the Horizon2020 programmes.

Source: <https://www.utu.fi/en/news/news/university-of-turku-has-received-the-status-of-a-european-university-together-with-a>

BERLIN SCHOOL OF ECONOMICS AND LAW

43 students from the HWR Berlin awarded

For the summer semester 2020, 43 students at HWR Berlin were awarded the German scholarship (Deutschlandstipendium).

NB: The Deutschlandstipendium is awarded to particularly qualified and engaged students. It rewards committed personalities who work in different contexts for society, for social, charitable, political purposes and much more. The scholarships are sponsored by private sponsors such as companies, associations, foundations or private individuals and half-financed by the federal government.

Source: <https://www.hwr-berlin.de/aktuelles/neuigkeiten/neuigkeit-detail/1583-43-studierende-der-hwr-berlin-ausgezeichnet/>

RIGA TECHNICAL UNIVERSITY

RTU is engaged in the formation of the European University of Technology (EUT+)

6,25 million euros are allocated to build up network of 7 European universities. The aim of the initiative is to develop and offer a technical and technological niche model of a single and cohesive European university or confederation within three years, which would be significantly more competitive at the international level than each of the universities individually. It is expected that at least 50% of RTU students will have to gain experience in partner universities. Universities will also closely coordinate their activities on a variety of issues, such as joint work on recruitment of foreign students.

Source: <https://www.rtu.lv/en/university/for-mass-media/news/open/a>

UNIVERSITY OF LATVIA

Project on Application of Bacterial Microcompartments completed

The University of Latvia Institute of Microbiology and Biotechnology has implemented a project supported by the patron "Mikrotīkls", studying and describing a biological phenomenon of the microworld that could potentially have scientific or technical application, i.e. a study of bacterial inclusions as microscopic, biochemical reactors.

The contribution of Latvian scientists to research in this field is significant – for the first time, the principles of self-assembly of bacterial microcompartments have been recorded and described, and a three-dimensional structural image of bacterial microcompartment has been constructed. BMC researcher, Dr.biol. Gints Kalniņš and colleagues have prepared the scientific publication released in the recognised scientific journal "Nature Communications", obtaining the highest impact factor so far (IF = 11.8).

Source: <https://www.lu.lv/en/about-us/ul-media/news/single/t/60027/>

GDANSK UNIVERSITY OF TECHNOLOGY

Autonomous ships and safe navigation. Gdańsk University of Technology implements an innovative project

Gdańsk University of Technology and the Maritime Office in Gdynia will be one of the first institutions to start implementing the international and high-budget InSecTT project – dedicated, among others, to counteracting cyberattacks within the so-called Internet of Things and improving shipping safety. Scientists from the Gdańsk University of Technology will be responsible, among others for the implementation of proprietary technologies developed in the project, whose total value is over EUR 44 million.

The InSecTT (Intelligent Secure Trustable Things) project is an international research initiative based on the Horizon2020 program, which includes the most important companies and scientific institutions from all over Europe (a total of 52 partners from 11 EU countries and Turkey).

Source: https://pg.edu.pl/aktualnosci/-/asset_publisher/hWGncmoQv7K0/content/autonomiczne-statki-i-bezpieczna-zegluga-politechnika-gdanska-wdraza-innowacyjny-projekt?redirect=https%3A%2F%2Fpg.edu.pl%2Faktualnosci%3Fp_p_id%3D101_INSTANCE_hWGncmoQv7K0%26p_p_lifecycle%3D0%26p_p_state%3Dnormal%26p_p_mode%3Dview%26p_p_col_id%3Dcolumn-1%26p_p_col_count%3D1

MEDICAL UNIVERSITY OF GDANSK

The invention of MUG scientists with a patent

The invention of MUG scientists' methods of culturing regulatory T lymphocytes (Treg) has just received a patent Method for in vitro propagation of CD4⁺ FoXP3⁺ regulatory T cells. Treg lymphocytes include available immune systems unlike to T lymphocytes do not protect against bacteria and viruses, but prevent over-activation of the immune system, thereby preventing autoimmune diseases.

Source: <https://mug.edu.pl/61241.html>

UNIVERSITY OF ŁÓDŹ (turns 75 in 2020)

The University of Lodz took high places in the latest Erasmus+ ranking checking the level of international exchange at Polish universities. Once again, the university took the 1st place in the country in terms of academic staff trips to teaching purposes to European countries (282 trips). The most frequently chosen partner countries are Spain (40 trips), the Czech Republic (29), Italy (28), Portugal (22), Bulgaria (20), Germany (18). The ranking concerned the contract implemented by the University of Lodz in the 2017/2018 academic year. Published statistics regarding employees' trips concern 243 Polish universities.

Source: <https://www.uni.lodz.pl/aktualnosc/szczegoly/podroze-i-nauczanie-ul-wysoko-w-rankingu-erasmus>

P.S. The Senate of the University of Lodz, at its meeting on 6 July 2020, issued positive opinions on both candidates for the post of the Rector of the University of Lodz in the 2020-2024 term. Ms. Elżbieta Żądzińska (currently the University of Łódź Vice-Rector for Research) and Professor Sławomir Cieślak (currently the University of Łódź Vice-Rector for Education) are applying for office. The Electoral College of the University of Lodz will elect Rector on 15 July.

Source: <https://www.uni.lodz.pl/aktualnosc/szczegoly/wybory-wladz-ul-2020-2024-informacje>

UNIVERSITY OF WARMIA AND MAZURY IN OLSZTYN

The new rector for 2020-24 was elected on 10 June. Dr hab. **Jerzy Przyborowski**, prof. UWM, former UWM Vice-Rector for Education and Students will take over 1 September.

Source: <http://www.uwm.edu.pl/egazeta/jerzy-przyborowski-nowym-rektorem-uwm>

UNIVERSITY OF WARSAW

UW rector awarded with the honoris causa degree of the Precarpathian National University

The Senate of the Vasyl Stefanyk Precarpathian National University unanimously decided to confer the title of doctor honoris causa for **Prof. Marcin Pałys**, *rector of the University of Warsaw*. The doctoral award ceremony is planned for September in Ukraine.

"In recent years, the UW rector has made a great effort to implement one of the most important strategic projects, not only in the relations between the University of Warsaw and the Precarpathian National University, but also in the relations between Poland and Ukraine – the renewal of the former UW Observatory on the Pop Ivan Mountain, which will not only be a powerful scientific centre, but also a symbol of brotherly ties between Ukrainians and Poles", – says Prof. Igor Cependa, rector of the Precarpathian National University.

Source: <https://en.uw.edu.pl/uw-rector-awarded-with-the-honoris-causa-degree-of-the-precарpathian-national-university/>

HERZEN STATE PEDAGOGICAL UNIVERSITY OF RUSSIA

A young scientist from Herzen University received a prize for the best report at the Rusgrav17 international conference

According to the international committee, the report on The structure of the space of time Vaidya anti-de Sitter, presented by **Vitaly Vertogradov**, Research Associate in the Research Institute of Physics became the best among the works of young scientists.

Despite blindness, three years ago he defended his Ph.D. thesis ahead of schedule on a number of properties of rotating black holes, in particular, supplemented some of the results of the famous English theorist R. Penrose.

Source: https://www.herzen.spb.ru/news/08-07-2020_3/

IMMANUEL KANT BALTIC FEDERAL UNIVERSITY

IKBFU launched a unique training programme for Medical students from India

IKBFU and A.K. Educational Consultants launched a unique project whose goal is to prepare students from India for National Exit Test (NExT). Upon passing the test IKBFU Medical students from India will become more competitive and will have excellent career opportunities.

The National Exit Test is a qualification test for obtaining a medical license, it is also required by the State or National registries. Testing is aimed at evaluating the quality of professional knowledge and practical skills of students in Medicine at the end of their training. All Indian graduates who have graduated from universities abroad are required to pass the NExT exam to prove their qualifications. Usually, Indian graduates get prepared for the test after completing their education and receiving a diploma, but the Immanuel Kant Baltic Federal University and the A.K. Educational Consultants seek to help students to get prepared for the test in the best possible way. To achieve this goal the IKBFU offers students online lectures by leading Indian educational experts from the very first year in the University.

Source: <https://eng.kantiana.ru/news-events/news/ikbfu-launched-a-unique-training-programme-for-medical-students-from-india>

ST. PETERSBURG ELECTROTECHNICAL UNIVERSITY

ETU "LETI" researchers developed a method to reduce energy costs for the production of high-quality carbon fiber

Scientists from the Intersectoral Laboratory "Modern Electrotechnologies" of ETU "LETI" have developed an energy-efficient induction heating machine for carbon fiber graphitisation. Carbon fiber is now popular and expensive material all over the world. It has unique mechanical properties: stiffness, lightness, and heat resistance. Today, it is widely used in aircraft, construction, automotive, shipbuilding, and other industries. The final stage of carbon fiber production is graphitization, high-temperature fiber processing, for which the machines capable of heating the initial material to 3000° C are used. It is an expensive and complex process, which increases the costs of composite material. To reduce the cost of carbon fiber production, ETU "LETI" researchers developed an approach using an induction machine for high-temperature treatment of carbon fiber. Its design differs from all existing analogs. The induction furnace will increase the production of high-quality next-generation construction material in Russia. At the same

time, it will significantly reduce production costs. The customer of the development is the State Atomic Energy Corporation Rosatom through an industrial partner.

Source: <https://etu.ru/ru/nauchnaya-i-innovacionnaya-deyatelnost/novosti1/uchenye-leti-nashli-sposob-snizheniya-energozatrata-na-proizvodstvo-vysokokachestvennogo-uglerodnogo-voлокna>

ST. PETERSBURG STATE UNIVERSITY

SPbSU became the winner of a grant competition of the Ministry of Science and Higher Education of the Russian Federation

Based on the results of the competitive selection, St. Petersburg State University will receive a subsidy of 3,125,000 rubles for the creation of a series of online courses on plant agrobiotechnology. In total, applications for participation came from 144 Russian universities. From the beginning of the new academic year, four new courses will be available to students: Symbiogenetics (principles of the formation of plant-microbial genetic systems), Basics of rational use of agrolandscapes (basics of agriculture), Transcriptomics and the RNA World, Plant Development Genetics.

Source: <https://spbu.ru/news-events/novosti/spbgu-stal-pobeditelem-grantovogo-konkursa-ministerstva-nauki-i-vysshego>

ST. PETERSBURG STATE UNIVERSITY OF ECONOMICS

Russian Railways and St. Petersburg State University of Economics: Development of strategic partnership in a proactive manner

The entry into force of the cooperation agreement made Russian Railways a strategic partner of UNECON in solving the urgent problems of developing university science and scientific and educational transfer, building a practice-oriented multi-level vocational training system. UNECON is involved in such company's key events as research project – the foresight of the scientific and technological development of the Russian Railways holding company until 2050 and the foresight of the Russian Railways OJSC in the main areas of business development. Expert participation in the justification of project decisions was provided by the head of the department of logistics and supply chain management, **Prof. Vladimir Scherbakov**.

Source: <https://unecon.ru/info/rzhd-i-spbgeu-razvitie-strategicheskogo-partnerstva-v-preaktivnom-klyuche>

THE NORTH-WEST INSTITUTE OF MANAGEMENT OF THE RUSSIAN FEDERATION PRESIDENTIAL ACADEMY OF NATIONAL ECONOMY AND PUBLIC ADMINISTRATION

Vladimir Shamakhov, Director of the NWIM RANEPa, approved as a member of the Coordination Council under the Presidential Plenipotentiary Envoy to the NWFD

NB: Annually, leading members of the Office of the President of Russia on public service and human resources, apparatus of the Government of the Russian Federation, deputy senior officials, heads of executive bodies of the subjects of the North-West Federal District take part in the work of the Council.

Source: <https://spb.ranepa.ru/sobytiya/novosti/vladimir-shamakhov-utverzhden-chlenom-koordinatsionnogo-soveta-pri-polprede-prezidenta-rf-v-szfo>