



World of MEPHI

MEPhI CONFIRMS ITS HIGH STATUS, TAKING 2ND PLACE AMONG RUSSIAN UNIVERSITIES IN RANKING OF U.S. NEWS & WORLD REPORT



The ranking of US News & World Report has placed MEPhI on the 465th place in the world, 202th place in Europe and 2nd place in Russia (after Lomonosov Moscow State University, which is 227th). In physics MEPhI is on the 127th place in the world (MSU on the 23rd) and also the 2nd in Russia.

Along with the global positioning in the world educational space US News & World Report gives a breakdown of MEPhI's rating results on individual indicators:

Overall rating:

20th place in the world – share

of publications in international co-authorship.

Physics ranking:

80th place – reputation in the field of physics;

13th place – reputation in the field of physics in Europe.

Today US News & World Report is one of the most famous and influential media companies in the United States. In addition to news, advice to consumers and analysis of stock markets it compiles its own rankings, earning great reputation in the world over the many years. In collaboration with Thomson Reuters the company conducts research in the field of higher education, health, career, travel, financial and automotive markets.

MEPhI ACHIEVES GREAT PROGRESS IN THE WORLD UNIVERSITY RANKING



National Research Nuclear University "MEPhI" has entered the ranking of the best universities in the world by the Times Higher Education World University Ranking (THE) with other 12 Russian universities.

MEPhI was included in the group 301-350 and together with Kazan Federal University took 4-5 place among the Russian participants of the rating. Then there are Novosibirsk State University and St. Petersburg State University (401-500 group), Bauman Moscow State University (501-600), Moscow Institute of Physics and

Technology, MISIS, Southern Federal University, Tomsk State University and Ural Federal University (601-800).

Last year there were only two Russian higher educational institutions in the ranking. As the head of the Interfax research group "National University rankings" Alexey Chaplygin noted, this year THE had published a more detailed rating – up to 800 positions. If the year before there were only two Russian universities – Lomonosov Moscow State University and Novosibirsk State University and the rest remained "behind the scenes", now the range has expanded, and as many as 13 universities joined the rankings. "Still we have to analyze their positions, but it is encouraging for the participants of the project 5-100

and the educational system as a whole", the representative of the expert community said.

"It's good news that 13 Russian universities entered the list, and five universities are in the top 400 (including MEPhI – ed.). In the last five years Russia has made great efforts to improve its system of higher education, including project 5-100, which aimed to include at least five Russian universities in the top 100 of world rankings by 2020. It seems that universities are already reaping the benefits of this program", the editor of THE rankings Phil Baty said.

"But Russia should continue its active work to vie with such large competitors, such as China, who also is seriously invested in higher education", the chief editor added.

Happy anniversary, Rosatom!

НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ ЦЕНТР АТОМНОЙ ЭНЕРГЕТИКИ И МАШИНОСТРОЕНИЯ

70 лет атомной отрасли России

С юбилеем!

This year Russian nuclear industry celebrates its anniversary. 70 years ago, on August 20, 1945, the decree of the State Defense Committee of the USSR established a Special Committee to control works on uranium. This date became the birthday of the nuclear industry of the country.

The nuclear industry is of the utmost importance for Russia. It is a reliable basis of its defence capability and national security, one of the key strategic sectors of the Russian economy.

Across the country there was held a large-scale celebration events, and MEPhI, as a supporting university of Rosatom, which prepares highly-qualified specialists for the nuclear industry, also congratulates Rosatom with anniversary!

MEPHI VISITED BY REPRESENTATIVES OF LEADING FOREIGN MASS MEDIA

Foreign media community is becoming more interested in Russia's best practices in nuclear energy, its national development at the intersection of science, perspectives of development of nanotechnology and, of course, in the specifics of training of highly qualified personnel. Visits by representatives of foreign mass media are the most important events to form openness of the University to the world community. Eventually it leads to the increase of its popularity in the global market of educational services and attractiveness for foreign students and lecturers.



GUESTS IMPRESSED BY ENTHUSIASM OF MEPHI SCIENTISTS

On October 13 MEPHI has been visited by a group of journalists, representing internationally renowned media – a leading Spanish news agency "EFE", a Cuban "Prensa Latina" TV and a broadcasting company "TV Asahi".

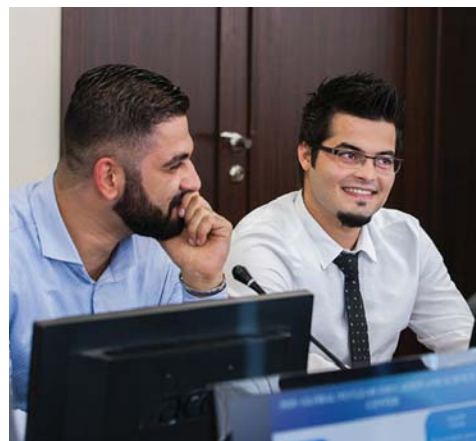
Journalists got acquainted with presentation of the University made by the MEPHI Vice-rector O.V. Nagornov, received answers to their questions from the Vice-rector for science A.N. Petrovsky and heads of several scientific Departments, and then visited several Laboratories, such as the Laboratory of Nano-Bioengineering, Laboratory of Experimental Nuclear Physics, SEC NEVOD, Nanocenter, etc.

According to guests' review they were impressed not only by technical equipment of the University, but also

by enthusiasm of Russian scientists – representatives of different generations. "It will be difficult to convey the atmosphere of engagement into science to our audience, but we will try", said our guests.



FOREIGN STUDENTS EXPRESS THEIR UNANIMITY ON QUALITY OF EDUCATION AT UNIVERSITY



Representatives of leading mass media from Algeria, Bangladesh, Belarus, Bulgaria, China, Hungary, India, Jordan, Turkey and other countries came to explore the possibilities of training specialists for nuclear facilities of the State Corporation "Rosatom". They took part in the meeting with University administration, faculty and directly with foreign students who now receive education at the University.

MEPHI representatives told about programs of training and retraining of specialists for nuclear industry, cooperation with the IAEA, research carried out by postgraduates and scientists of the University, and stressed that MEPHI prepared excellent specialists across the entire spectrum of the nuclear industry.

Representatives of the foreign press asked a lot of questions: how many foreign students are studying in MEPHI, from which countries they are, how difficult it is for them to adapt in Russia. The head of the International Relations

Department answered all their questions and noted that the University created all conditions for foreign students for their successful study and self-realization in work and sport. Also journalists were interested in the cost of training, research works in the university, practice after graduation at the enterprises of Rosatom, increase in the number of foreigners in MEPHI and others.

But, of course, the main purpose of the meeting was direct communication with foreign students who specifically came to talk about their studies and life in Russia. The main question of that day was – why they chose MEPHI to obtain higher education?

Guys from Vietnam, Bangladesh, Turkey, Jordan, Palestine, Kazakhstan, Belarus, etc. who study in the University unanimously expressed confidence that "MEPHI will give us the right education that will allow to participate in the development of nuclear energy in our countries".





DELEGATION REPRESENTING ATLAS GROUP FROM WEIZMANN INSTITUTE OF SCIENCE (ISRAEL) VISITS MEPHI

MEPHI has been visited by a delegation representing the ATLAS group from the Weizman Institute of Science (Rehovot, Israel): Professor Vladimir Smakhtin and a researcher Meir Shoah at the invitation of the Centre "Fundamental research and particle physics".

The purpose of the visit was to strengthen cooperation of the Israeli group and a group ATLAS-MEPHI. Israeli group has made a significant contribution to the construction of the Muon spectrometer of the ATLAS experiment.

Scientists who visited MEPHI are key figures that ensure the modernization and performance of the Muon spectrometer of the ATLAS experiment. Vladimir Smakhtin is one of the leading experts on strip chambers; he is

responsible for the Muon spectrometer of the ATLAS detector. Meir Shoah is responsible for the production and maintenance of sTGC detectors in Israeli territory.

During the visit, ATLAS representatives held a seminar on "Modernization of the muon system of the ATLAS experiment: now and for the high luminosity of the LHC" and discussed prospects of further cooperation.

The group from MEPHI has played a leading role in the design, creation

and operation of the Transition Radiation Tracker (TRT). This detector is one of the main detectors of the Central tracking system of the ATLAS experiment.

MEPHI employees coordinate and guide work of research groups at universities in countries participating in the project ATLAS TRT, contribute to the development of software for TRT project in particular and the ATLAS experiment as a whole.



ONCE AGAIN STUDENT SPARTAKIAD ON VOLGA UNITES ATHLETES FROM DIFFERENT MEPHI BRANCHES



The recreation center "Volga" has held the Fourth Student Spartakiad MEPHI, dedicated to the 70th anniversary of Victory in the Great Patriotic war.

This year six branches of MEPHI participated in the sport games. Athletes from Moscow, Obninsk, Volgograd, Dimitrovgrad, Sarov and Snezhinsk vied for the first place.

They all had a great opportunity to test their strength in twelve sports: beach volleyball, football, badminton, tourism, chess, table tennis, long jump, cross-country race, relay race, arm wrestling, streetball and orienteering.

The main purpose of this bright and colorful event was contribution to strengthening friendship between students from separate structural



units of MEPHI, as well as promotion of mass sports among students.

In a persistent struggle students from Moscow site of MEPHI became undisputed leaders in the team event. But the most intense competition was between the contenders for second and third places – teams from Obninsk and Volgogradsk. Literally until the very last trial, athletes kept apace with each other, but the arm wrestling competition settled

the dispute, and with a slight advantage the second place was taken by the team of VITI, leaving the title of bronze medalists for students from IATE.

During all three competition days autumn weather gladdened everyone with incredible warmth; sun warmed and gave a combative mood to all participants of the Student Spartakiad. Even a little rain at the end didn't spoil impressions from the competition.



FROM HEART TO HEART!

On the 3rd of October the Alexander garden in St. Petersburg and on the 4th of October parks Kolomenskoye and Kuzminki in Moscow have held the IV Annual student charity festival "From Heart to Heart".



Two Russian capitals met the participants of the festival with sunny weather. During 2 days it was visited by 6,500 people. And what is the most important – it collected 291803 rubles, which will go to the Fund "AdVita" – "For life".

St. Petersburg welcomed guests with the latest innovation technologies: 3D pens, unicycles and a photo booth. There was an area of workshops for children, where everyone could try themselves in microelectronics and eat nitrogen ice cream. All day animators warmed children with dancing and singing,

and one of the organizers even gave his car for painting.

Kolomenskoye Park in Moscow held dance and sports workshops under the cheerful music. Book shop, comics, hand-made fair, caricaturists, musicians, audience – everything was located in one of the tents, among which elves and soldiers were gracefully walking – members of the MEPHl historical fencing club "Вирм".

Inside the Palace of Alexei Mikhailovich there were quiz "What? Where? When?", games room, manicure and plaiting, theatre and dance performances. In addition, guests could enjoy an amazing laser and chem-

ical show, play a bumper ball, to practice foreign languages, fencing and capoeira, as well as to get financial and legal advice and to participate in an exciting quest around the Park. And we still don't mention magicians, jugglers, living statues and stilt-walkers and many other!

Moscow Park Kuzminki gladdened children with face painting and children's concert program, zone of master classes and performance by activities of the Fund.

Indeed, that day parks of two capitals turned into an autumn mosaic, made of interesting activities, useful and lovely things, kindness, joy and sun!

