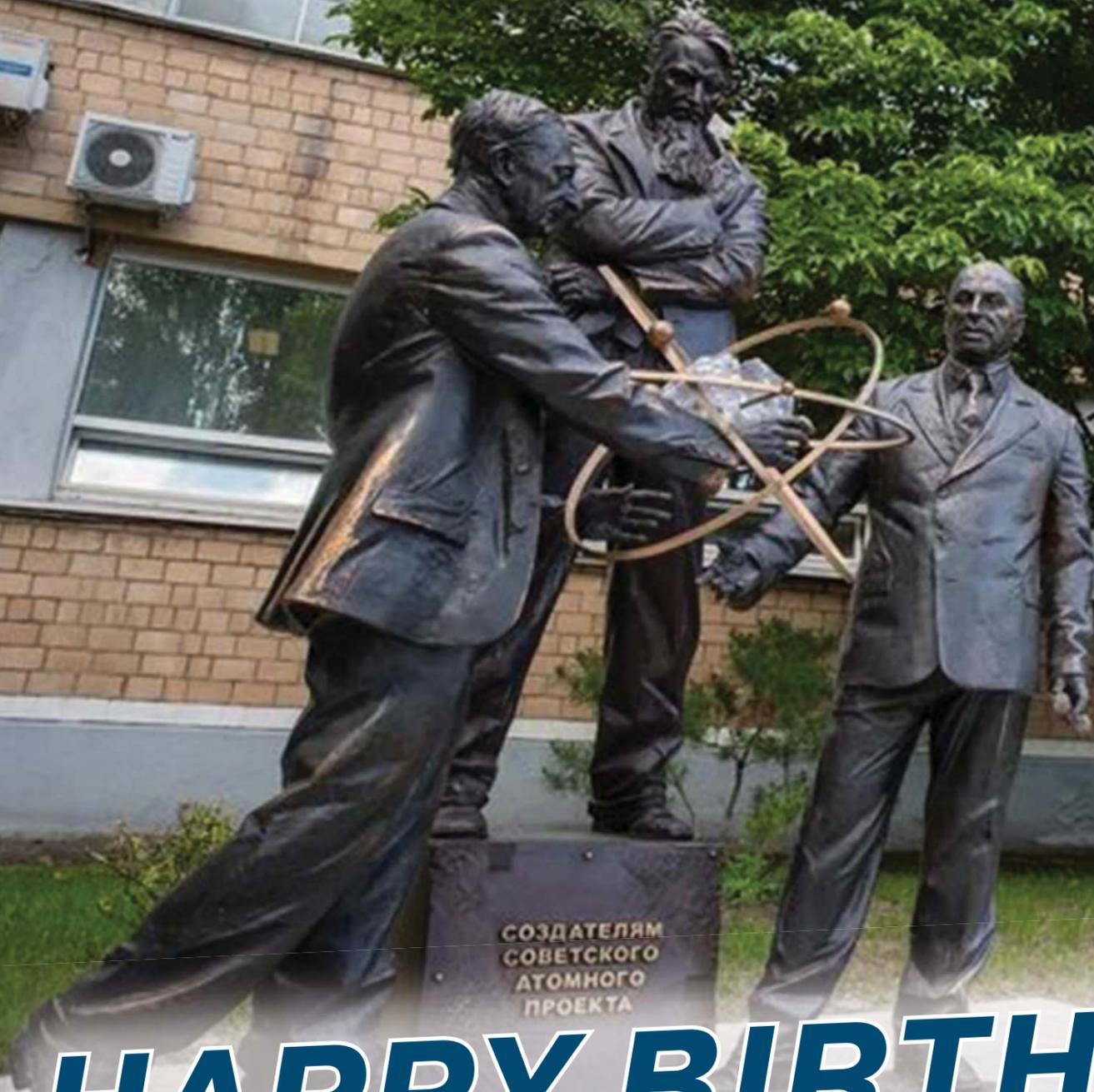




# *World of* **MEPhI**

November '20



**HAPPY BIRTHDAY,  
MEPhI!**

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The history of our university begins on November 23, 1942, when the decree on the formation of the Moscow Mechanical Institute of Ammunition was signed into power. The university was established for training specialists in the fields of creation of rocket, radio-controlled and other equipment. Over time, it changed a name and became the Moscow Engineering Physics Institute.

A new stage of development began in 2008, when MEPHI became one of the first two national research universities in the country

and was renamed as the National Research Nuclear University MEPHI.

The synergy of fundamental science and engineering competencies became one of the main principles of education at MEPHI, and determined its status and quality of education for decades.

Today graduates of MEPHI work in the domestic nuclear industry and in other high-tech areas. Students from several dozen countries study at MEPHI, the list of these countries is constantly expanding.

For many years, MEPHI has firmly held a leading position in the training of specialists



combining the principles of the synthesis of education and scientific research laid down 78 years ago.

We sincerely congratulate everyone, thanks to

whom MEPHI reaches new heights — our teachers and staff, students and alumni, friends and associates! Happy Birthday, MEPHI!

## MEPHI WILL TRAIN DOCTORS WITH KNOWLEDGE OF NUCLEAR MEDICINE



**The National Research Nuclear University «MEPHI» will recruit students for the educational program «General Medicine» in Moscow campus in 2021. Previously, the university trained doctors with knowledge of nuclear medicine only in its branch in Obninsk.**

According to the Ministry of Health of the Russian Federation, there is a significant medical personnel shortage in the country and in the coming years it will increase.

To meet the demand for doctors with new, interdisciplinary competencies in biomedicine, biophotonics, nuclear medicine, nanomaterials, MEPHI launched an educational program of higher education «General Medicine» at its Moscow site.

The educational program is being implemented jointly with the Obninsk Institute of Atomic Energy, a branch of MEPHI. Admission of applicants will be conducted both in Obninsk and in Moscow, said Alexander Galchin, deputy Director of the Institute of Engineering Physics for Biomedicine MEPHI.

“The training program for doctors is based on a competency-based principle. Students will acquire the skills

of providing emergency care, carrying out nursing and medical diagnostic and treatment procedures. It will be used interactive and other new learning technologies using electronic phantoms, dummies, mannequins, virtual models. Our graduates will be able to work as therapists or continue their studies in residency or postgraduate studies, «Galchin said.

According to him, students will study in rooms of a separate building fully equipped with modern teaching aids.

To study anatomy, the university acquired an interactive anatomical table «Pirogov», natural plastinated preparations of the human body. Practical training of future specialists will take place at clinical sites.

Future doctors will be able to take advantage of the material, technical and research base of a leading engineering university and receive in-depth training in radio medicine, information technology and artificial intelligence. They will also study such disciplines as «artificial intelligence in medicine», «radiobiology», «radiopharmaceuticals», «medical radiology» and «radiotherapy», — said Alexander Galchin.

## STUDENT LIFE



## JOIN STUDENT COUNCIL HELD INITIATION CEREMONY FOR INTERNATIONAL STUDENTS

At the end of October, Joint Student Council held a long-expected event — initiation ceremony for international students. Because of epidemiologic situation, organizers hold a series of events for freshmen groups numbering no more 15-20 people.

International students came to Student Office and got to know about their university, historic and science facts from senior students. Organizers explained to freshmen what they could do in case of different types of problems.

“Thanks to the activities of the Joint Student Council and the Council of Dormitories, our student life is more comfortable and fun. We believe that we will be able to organize both on-line events and small and big meetings with even more foreign students and develop an international dialogue even more actively”, the member of Joint Student Council Polina Lavrentieva said.

Traditionally, freshmen should rub old wooden accounts and a lamp, and they should cross the “doorstep of knowledge” and trip over it. There is a belief that these actions will help successfully pass semester finals. At the end of event, organizers gave commemorative badges and wished to reach graduation ceremony.

“The role of the meeting was to introduce us to certain activities that take place within the university. Firstly, it concerned sports activities. We have the possibility to choose the sport we like and then practice it. Either football, handball. Secondly, there is

the possibility of obtaining cards facilitating us to move in the bus and the metro. These cards serve as a discount so the price is lowered. And there are also conferences or group meetings to improve our knowledge in several areas of physics and chemistry. In other words, people come together with knowledge they have acquired and then they work for any project together. Likewise, concerning the exchange of culture, there are organizations allowing students to show their culture through either dances, musical instruments or singing”.

Geordy Ndongo (Congo)

“To be honest, it was great, although we have a difficult situation due to the pandemic. I was so glad when they invited me. I thought that this year

there would be nothing at all for the freshmen. It was a good opportunity to talk with the senior students and get to know more about the university and things we can do here”.

Natasha Rikan (Paraguay)

“The talk was interesting. I learned about the university clubs, and some traditions that caught my attention. I felt comfortable there”.

Pedro Soruco (Bolivia)

“Students talk about some beliefs of the university, like touching some special equipment and explained the clubs and groups of the university. I really enjoyed it. Were I to qualify the participants, I would give them 10/10”

Nicholas Proano (Ecuador)



## REGIONS

## FEDERAL PROJECT «TICKET TO THE FUTURE» IMPLEMENTED AT TTI MEPHI

More than 100 schoolchildren of Trekhgorny town passed professional tests at the TIT MEPHI laboratory complex as part of the federal project «Ticket to the Future». Young engineers try prentice hand at three competencies: electronics, mobile robotics, CAD engineering design.



## STUDENTS OF MEPHI BRANCHES ARE PRIZEWINNERS OF PRESTIGIOUS CONFERENCE

9-13 November X School-conference of young nuclear engineers of Siberia was held in Tomsk. The conference was held with the support of Rosatom, RAO, Tomsk Polytechnic University, Siberian Chemical Combine JSC, STI MEPHI. More than 350 students and schoolchildren took part in the conference dedicated to the 75th anniversary of the nuclear industry.

The conference was attended by students and teachers of STI and SFTI - branches of MEPHI.

## STUDENTS OF IATE MEDICAL FACULTY WERE WERE THANKED FOR HELP DURING THE PANDEMIC PERIOD



Medical students and volunteers were thanked for their help to Clinical Hospital No. 8 during the pandemic. The guys supported the work of the COVID-19 Hotline and helped the doctors at mobile vaccination station

Students were greeted by the head of the Obninsk Administration

Tatyana Leonova, the acting chief physician of Clinical Hospital No. 8 Mikhail Sergeev, the deputy director of IATE MEPHI Evgeny Churkin, the new curator of the volunteer movement "Volunteers-doctors" in the Kaluga region Sofia Ilyina.

Students helped doctors and nurses where

the hospital and patients needed it most: helped on rounds, fill out medical records, and patients were monitored.

Interaction with patients at the Hotline and at the Mobile Vaccination Point was different from the usual work with patients in the department. Future doctors developed such an important competence as communication with people of different ages, categories and their relatives.

At the same time, students continued to study and prepare for exams.

## FIGHTERS OF STUDENT BRIGADE VITI MEPHI HELPED THE FIRE VICTIM FAMILY FROM VOLGODONSK

Students of Volgondsk Engineering and Technical Institute MEPHI are sure that good deeds are an integral part of their life.

Volunteers and fighters of students brigades help people who really need it. In November

fighters helped family from Volgondsk, which suffered a terrible disaster: due to a short circuit, the wiring caught fire, and the house burned down. In a few days, the students repaired, insulated and finished the roof

