



Young Scientists 2022



DO SCIENCE @ DUBNA



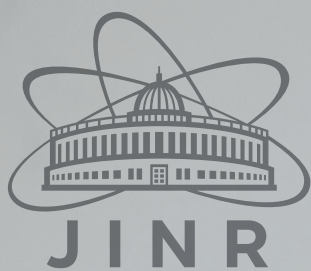


Young Scientists 2022



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JINR

Astghik Torosyan

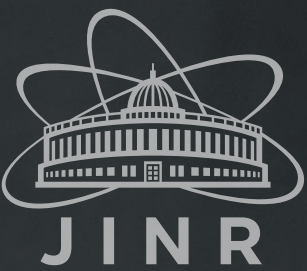
Junior researcher, MLIT

Lately, she has been feeling like Schrödinger's cat, being at home and at work simultaneously. Astghik deals with quantum information theory and claims that everything is confused.

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January

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Ramil Akbarov

Engineer, VBLHEP

Is bound to tell all his new friends a short story about the invention of commonly known silicon photomultipliers, highlighting the fact that their inventor is his own thesis supervisor.

D O S C I E N C E @ D U B N A

January

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Junior researcher, FLNP

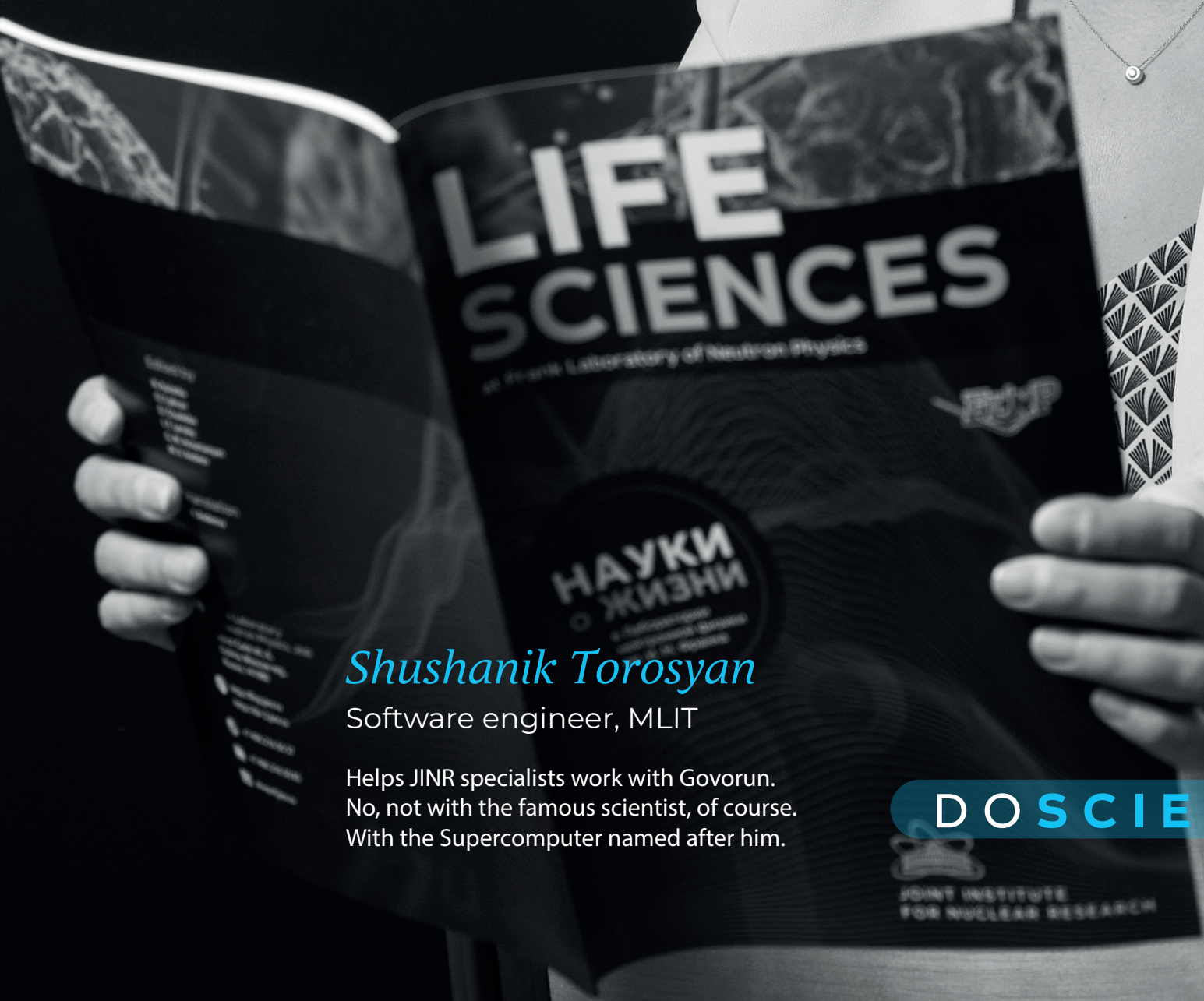
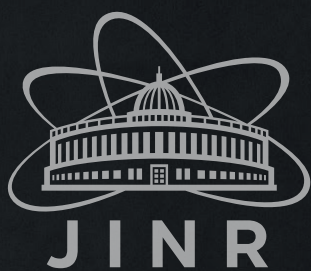
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12

26

31



Shushanik Torosyan

Software engineer, MLIT

Helps JINR specialists work with Govorun.
No, not with the famous scientist, of course.
With the Supercomputer named after him.

D O S C I E N C E @ D U B N A

April

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Anton Rutkauskas

Researcher, FLNP

Studies the crystal and magnetic structures of new materials using high-pressure neutron diffraction. At home, he takes care of a cactus called Vasiliy and Vasiliy's 5 nameless relatives.

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April

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Mădălina Mihaela Miloi

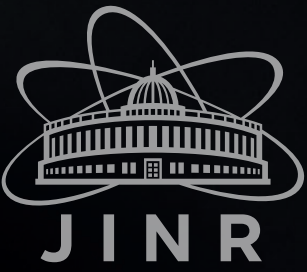
Junior researcher, DLNP

Combines things that seem incompatible: in the lab, she writes the code for neutrino studies and works with beams, and in her spare time, Mădălina attends pole dancing classes and wears gothic outfits.

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May

[illegible]



*Maria
Zadnepryanets*

Researcher,
group leader, LRB

Believes that Nature creates what is most beautiful and perfect. The study of the recovery mechanisms occurring in a DNA cell after irradiation is the field of her scientific interest and an opportunity to look into the remaining secrets of our world.

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July

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Nikita Lashmanov

Junior researcher, VBLHEP

Panics a lot and, as a result, often looks for problems even if they are not there. That is why Nikita develops digital replicas of physical objects: it allows him to test hypotheses in a risk-free environment and use visualisation as a way of anticipatory thinking.

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July

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Tetiana Nagorna

Researcher, FLNP

Tetiana believes that science will save the world. Therefore, she studies nanoparticles used for the treatment of oncological diseases. Her favorite book is Molecular Physics and Thermodynamics.

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August

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JINR

Sergei Merts

Senior researcher, VBLHEP

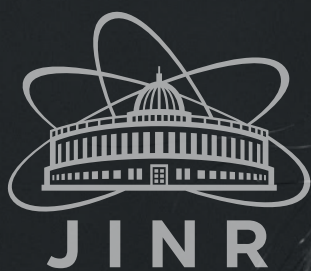
Spent his childhood dreaming of becoming a programmer, although he had never seen a computer. To some extent, the dream came true: using computer programming, Sergey solves complex tasks in the field of high energy physics.



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August

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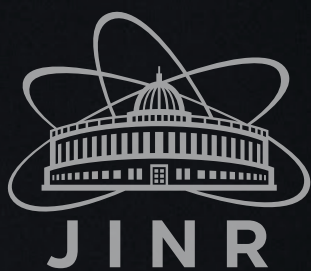
Alexandra Friesen

Senior researcher, BLTP

Studies the properties of matter born in the collision of heavy nuclei or in the hearts of neutron stars. Alexandra can spend several weeks to obtain the right formula and even more time verifying it.

September

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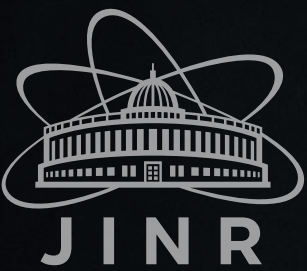
Pavel Nekhoroshkov

Junior researcher, FLNP

Using neutron activation analysis, he investigates marine animals, mainly, South-African mussels: their elemental composition and safety for human consumption. In his free time, Pavel plays the button accordion and does Japanese fencing — Kendo.

September

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Tatiana Hramco

Researcher, LRB

Tanya's work is focused mainly on the studies of DNA repair processes in brain cells using immunostaining methods. She can grow a rat brain (or at least a part of it) in a petri dish.

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October

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Vladislav Sharov

Junior researcher, DLNP

Writes software for the power supply modules of silicon photomultipliers used in neutrino experiments JUNO-TAO (China) and DUNE (USA). In his free time, Vladislav likes taking photos and doing sports. He also loves explaining science in simple terms.

October

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Regina Kozhina

Junior researcher, LRB

Studies DNA damage and repair in mammalian cells. As a hobby, Regina enjoys weight lifting at the gym.

November

[illegible]



Junior researcher, FLNP

Fond of collecting old coins from different countries. And in the laboratory, Saltanat studied the elemental composition of ancient coins from the treasures of Phanagoria (the second half of the III – early IV century AD).

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November

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Maria Fomina

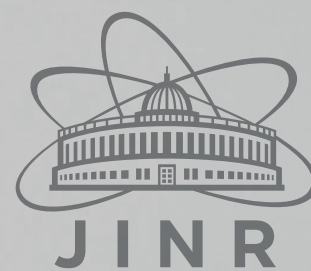
Junior researcher, DLNP

During her childhood, she dreamt of becoming a detective. So now, no neutrino can go undetected — Maria will find them anywhere: in space, on earth, and deep underwater.

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December

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Maciej Czarnynoga

Engineer, VBLHEP

As a child, Maciej wanted to be an architect. Now he is part of the NICA/MPD project and uses CAD to design, not just buildings, but a one-of-a-kind accelerator.

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December

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