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Jahrgang 1975; bis 1997 Studium an der Staatlichen Pädagogischen Herzen-Universität St. Petersburg; 2001 PhD; zertifizierter Spezialist für TRIZ (Theorie der Lösung erfinderischer Probleme), studiert und nutzt TRIZ seit 1986; Tätigkeit an Staatlichen Pädagogischen Herzen-Universität, Hauptforschungsgebiet ist die Arbeit mit talentierten und begabten Kindern sowie die Anwendung von TRIZ in der Bildung. Ausbilder im SIRUS-Ausbildungs-Programm der RF. Mitglied des Leibniz-Instituts für interdisziplinäre Studien (LIFIS).

Herzen State Pedagogical University of Russia, Saint-Petersburg, Russia

The Herzen University is one of the oldest teacher-training institutions in the country. It was founded on 2 May 1797 by Emperor Paul I as St. Petersburg Educational House, and later lay the foundations for other pedagogical institutions in the XIX – early XX centuries. For the first time in Russia problems of child protection were solved in the Orphanage: a system of free pediatric care, family orphanages, rural schools, kindergartens and nurseries has been established. These were formed into a single pedagogical institute by Decree of the People's Commissar for Education on 1 September 1918. On 15 January 1920 the Presidium of the All-Union Executive Committee decreed that the institute be named after Alexander Herzen. The Ministry of Education, in issuing order No. 25 of 24 January 1991, gave Leningrad State Pedagogical Institute university status, and it has been called the Herzen State Pedagogical University of Russia since then.

The university's contribution to Russian society has been substantial, and the university recall with pride the names of the outstanding scientists and scholars who have worked at Herzen University, making their significant contributions to the development of the country's science and industry. Today Herzen University employs more than 1,700 scholars, 1,000 of them hold candidate of science degrees, 300 are doctors of science, 6 are academicians and nine are corresponding members of the Russian Academy of Sciences and the Russian Academy of Education, and 23 are Honoured Scientists of the Russian Federation. In 2018 the Herzen State Pedagogical University entered the Top-50 of the first ranking Russian universities for the quality of graduate education according to the Forbes magazine. Alongside the training of highly qualified teachers for universities and secondary schools, Herzen University offers a broad range of non-teaching specializations, allowing it to fit into the category of traditional universities: 57 educational programs integrated in ten groups (32 Bachelor's programs, two Specialist programs and 23 Master's programs) – in Arts & Humanities, Engineering & Technology, Life Sciences, Natural Sciences, and Social Sciences.

The teacher-training programs remain the priority for Herzen University. One of the central department in this field is the Institute of Pedagogy, which is made up of Department of education and socialization, Department of didactics, Department of theory and history of pedagogy, Research centre of pedagogical problems of education, and five research laborato-

ries. The Institute of pedagogy trains bachelors and masters in the fields of “Pedagogical education”, “Psychological and pedagogical education”, “Social work”, and postgraduate students in the field of “Education and Pedagogical Sciences”. One of the main and important topics of the Institute of Pedagogy is work with talented and gifted children. It is mainly engaged in undergraduates and postgraduates. Many of them work in the Center of Sirius.
<https://www.herzen.spb.ru/en/>

Sirius Educational Center, Sochi, Russia

The Sirius educational center at Sochi was founded on the initiative of the Russian Federation President, Vladimir Putin, at 2014 on the base of Olympic infrastructure. Now Vladimir Putin is the head of the Sirius Foundation Board.

The main mission of the Sirius center is to early identify, develop and further support gifted and talented children who have demonstrated outstanding abilities in the field of arts, sports, natural sciences, as well as those who have achieved success in technical creativity.

The center is open all year round. Travel and stay in the Center for children are free. Every month, Sirius receives 800 children aged 10-17 from all regions of Russia. These are school students who demonstrate outstanding achievements in the sciences – mathematics, physics, chemistry and biology; sports – hockey, figure skating and chess; art – classical ballet, painting and academic music and literary creativity. Only citizens of the Russian Federation take part in the educational programs of the Sirius Center.

They are accompanied by more than 100 teachers and trainers who improve their skills at the Center. The training is conducted by leading teachers of sports, physical-mathematical, chemical-biological schools, as well as outstanding figures of Russian art in the field of academic music, classical ballet and fine arts.

The educational program is designed for 24 days. It includes classes in the specialty, developing leisure, master classes, creative meetings with recognized professionals in their fields, a set of Wellness procedures, and during the school year — General education classes.

Main purposes of the Sirius Center:

- Coverage maximum number of gifted and talented Russian schoolchildren and their teachers, and promoting professional training in all regions of the Russian Federation.
- Development of conditions for intellectual and personal potential realization, professional self-determination and formation of children, regardless of their place of residence, social status and financial capabilities of their families.
- Development of new forms of inclusion of gifted children in intellectual and cognitive, artistic, physical culture and sports, and socially useful activities. Use the capabilities of the Sochi Olympic infrastructure and the Center’s partners for this purpose.
- Creating a system of “social lifts” for talented young Russians that combines career guidance, educational, sports, creative, research and other resources for the personal and professional development of children.
- Creating incentives for partnership of various stakeholders, involving new participants, teachers, experts, and partners.

In broad terms, participants selection criteria are the following:

- Results of the remote and face-to-face selection courses.
- Academic achievements of students: results of school Olympiads (Federal all-Russian, Euler, Maxwell, and other Olympiads that have licensed by the Russian Council of school Olympiads) and the competition of scientific and technological projects.
- Results of the program manager performing tasks, creative works of students, motivational letters.

- Video of music, dance, painting etc. works, a creative biography and documents confirming creative achievements (diplomas of all-Russian federal, international, regional competitions, and other awards).
 - High sports results shown at regional, national and international competitions.
- <https://sochisirius.ru/>

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