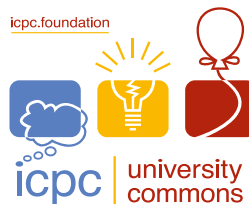


27 июня 2020

ICPC 2020 World Finals Moscow: Day Zero
ICPC University Commons

19-24 июня 2021

ICPC 2020 World Finals Moscow:
Hosted by MIPT



ICPC University Commons online activities will kick start on 27 June 2020 with the ICPC 2020 World Finals Moscow: Day Zero. Due to unprecedented travel challenges, ICPC 2020 Moscow hosted by the Moscow Institute of Physics and Technology (MIPT) is scheduled for 19-24 June 2021.

2020 World Finals Moscow kicks off 27 June 2020 with Day Zero, produced by ICPC University Commons, a program for developing excellence in computational problem-solving through competition.

This has been made possible by the ICPC global sponsors Huawei, JetBrains, AWS Educate, and IBM Q, and the event's partners in the host country — MegaFon, Raiffeisenbank, Yandex and Acer — as well as the leadership and commitment of the host university, organizational partner — RDI.Digital, and the institutional partners: the Russian Government, the City of Moscow, and the Presidential Grant Foundation, the Phystech-schools development foundation, the Moscow Institute of Physics and Technology.

MIPT Rector **Nikolay Kudryavtsev**:

“Digital technology is rapidly changing our world, and this industry is in need of qualified personnel. Each year, the Russian contestants are among the highest-scoring programmers at ICPC. We engage young bright students by means of an active olympiad movement, by offering up-to-date educational programs and opportunities for breakthrough research, as well as through the community of our alumni, among whom are the founders of a dozen leading IT companies,” the rector added. “It is a great honor for MIPT to become the center that the world’s brightest programmers gravitate toward. I am convinced that both the online tournament and the other contest events will be held in line with the highest standards.”

2020 is a special year when we care more than ever about supporting the ICPC community to strengthen its members' skills, so we celebrate this unique time by kicking off a series of ICPC year-round online activities with a digital opening on 27 June 2020, with free access to all.

ICPC World Finals Day Zero (27 June 2020) is the first event in a series that will be featured on **ICPC University Commons**, the ICPC Foundation's official platform that offers opportunities for training, practice, and performance by promoting excellence through competition.

To accomplish this, ICPC U will provide regularly scheduled contests where participants repeatedly train and practice, all of this leading up to a final performance in a competition, including algorithmic and specialized domains (e.g., AI, CyberSec, Quantum).

William B. Poucher, Ph.D., ICPC Executive Director:

“Life poses challenges to life. It is great to see the global community empowering the next generation to open doors of opportunity for future generations so that they will be prepared to be good stewards of the life to come.”

Day Zero will bring together our global community of contestants, ICPC coaches and alumni, the industry, and academia to share problem-solving strategies and insights as well as to sharpen graph theory skills in the first-ever online **ICPC Graph Mining Challenge**, powered by **Huawei** and hosted on **Codeforces**. Participation is open to the public. All participants are invited to practice with **MindSpore**, a new open-source deep learning training/inference framework that can be used for mobile, edge and cloud scenarios.

Staying fit, mentally and otherwise, fostering talent excellence is key for competitive programmers, academic and industry leaders. ICPC Foundation global partners help to facilitate this path by providing excellent learning materials and training programs to the community.

JetBrains offers many helpful tools and materials to support the brilliant and creative minds of the ICPC community on their journey. Visit **JetBrains** to check out the **JetBrains Educational Products** to help you stay in form, watch the “CLion Tips & Tricks for Hyperproductivity” **video**, or **learn how** using Kotlin can boost your results.

Building new skills has never been easier, with access to trainings, pathways, AWS services and the **AWS Educate Job Board** offering employment opportunities at **AWS Educate**.

Diving deep into quantum has also become accessible to a broader community via programming with Qiskit — IBM’s open-source, full-stack quantum software framework. For a quick start in working with quantum circuits or running experiments, **IBM Quantum Experience**, the most widely used and accessible quantum cloud platform, is now available.

Andrei Raigorodskii, the director of the Phystech School of Applied Mathematics and Informatics at **MIPT**:

“Our school is one of the leaders in the fields of mathematics, informatics, and programming — not just in Russia but internationally. We have set up a unique system for working with researchers, university students, and schoolers. This makes sure that the paths of other major research centers and top tech companies from the industry invariably intersect with ours, and every year we open top-notch labs and departments conducting breakthrough research, which literally shapes the future academic and scientific agenda. The best-educated and most determined young people, such as the winners of the All-Russian Olympiad or international contests, want to study here. The fact that we are hosting ICPC is a testament to the prominent position held by our Phystech School in the olympiad programming, computer science, and naturally the mathematics community.”

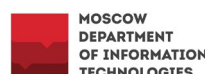
The ICPC 2020 World Finals Day Zero, takes place 27 June and is much more than a one-time virtual event. From stimulating keynotes and sessions on effective training strategies to discussions about the future of competitive programming, it's an immersive experience you won't want to miss. See u.icpc.global for more information with updates and a detailed schedule of the Day Zero and future events.



Organizers



With support



Global sponsors



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About ICPC 2020 World Finals Day Zero organizers, sponsors & partners

ICPC University Commons provides an open environment and equal continuous learning opportunities for current competitors, prospective ICPC participants, ICPC alumni, and ICPC coaches drawing on the best academic and industry practices. These participants apply the power of algorithmic problem-solving and computational thinking to the world's most challenging problems, and ICPC is the preeminent platform for promoting excellence in problem-solving through training, practice, and competitive performance.

ICPC Foundation – advances the art and sport of competitive programming. The ICPC Foundation is a 501(c)(3) charity. Under the ICPC Policies and Procedures, the ICPC Foundation is responsible for sponsorship, hosting, fundraising, outreach, and operational models under the ICPC Policies and Procedures and the ICPC Foundation Constitution and By-Laws. The ICPC Foundation Board has over 250 years of service to the ICPC community, a love for the community's impact on the next generation, and a willingness to step forward on behalf of the ICPC.

Moscow Institute of Physics and Technology is a Russian leading university in STEM education and research. It is the only Russian institution ranked among the best 100 universities for physics by both Quacquarelli Symonds and Times Higher Education. The strong alumni community is spread all over and includes top range scientists, businessmen, politicians, people of art, astronauts and even Nobel laureates. MIPT's strategy includes conducting and developing high-quality research in cutting-edge fields, such as quantum and electronic technologies, anti-aging studies, nanophotonics and plasmonics, biotechnology, applied mathematics, space research and many more. The research done at MIPT serves both national interests and global goals — the humanity's need for faster computing, cleaner energy, fighting diseases and prolonging healthy life, managing complicated IT systems, exploring space etc. In the past several years over 50 new laboratories opened in MIPT, and the university has summoned top researchers from all over the world to head them.

The Moscow Department of Information Technologies is a government agency of the city of Moscow, which is engaged in the digitalization of the capital. Thanks to the IT solutions implemented by the Moscow City Government, the capital is one of the smartest megacities in the world. In 2018 it topped the UN rating on e-government development. An important area of the DIT's work involves training IT specialists. Moscow is invested in attracting more young and promising specialists who want to make the city even more technologically advanced and comfortable for its residents.

The Phystech-schools development foundation is a nonprofit organization established in order to support the educational cluster of the "Phystech XXI" project. The Foundation's activities include the development of the Phystech-Lyceum, and the creation and approbation of educational methods and their further replication throughout Russia. One of the foundation's important activities involves engaging young people in programming contests. The Foundation is the co-organizer of Day Zero.

The Presidential Grants Fund provides government support to social projects run by non-profit organizations. The Fund was established in 2017 and held eight competitions for grants of the President of the Russian Federation. During this time 15,000 projects have been supported to the sum of over RUB 30 billion. As a result of previous competitions, the Fund has allocated about RUB 3.5 billion to projects in science, education and outreach. Such projects include vocational guidance in the digital economy, work with children on computer science and programming, projects in the field of robotics, 3D modelling and scientific and technical creativity, IT competitions and Olympiads. The Fund's most important principles are transparency in holding competitions and openness in interacting with the winners during project implementation.

Huawei is a leading global provider of information and communication technology (ICT) infrastructure and smart devices. Founded in 1987, Huawei is committed to bringing digital to every person, home, and organization for a fully connected, intelligent world. With over 194,000 employees, the company operates in more than 170 countries and regions, serving more than 3 billion people around the world.

JetBrains is a global software vendor specializing in the creation of intelligent, productivity-enhancing tools for software developers and teams. The JetBrains product range includes award-winning tools, such as IntelliJ IDEA, ReSharper, PhpStorm, PyCharm, Rider, TeamCity, and YouTrack. It also includes programming languages, such as Kotlin, the officially preferred language for Android™ development. More than 8 million creative professionals from 213 countries and territories use and trust JetBrains tools.

AWS Educate is Amazon's global initiative to provide students with comprehensive resources for building skills in the cloud. It is a free-of-charge curriculum offering access to content, training, pathways, AWS services, and the AWS Educate job board for employment opportunities.

IBM Q is invested in the next generation of inquisitive minds ready to explore and advance the field of quantum computing. The IBM Q Experience is an online platform that gives users from the general public access to a set of IBM's prototype quantum processors via the Cloud, an online internet forum for discussing quantum computing-related topics, a set of tutorials on how to program IBM Q devices, and other educational content devoted to quantum computing.

MegaFon is a national provider of digital opportunities, operating in all segments of Russia's telecommunications market with 75.2 million subscribers in the country. The company offers mobile and fixed-line services, mobile and broadband Internet, digital TV and OTT services, innovative digital products and services in the field of information and communication technologies (ICT), the Internet of Things, Big Data analytics and processing, cloud solutions, cyber security, financial services, digital advertising and marketing, e-commerce, and converged IT solutions in system integration. MegaFon is the digital partner of the ICPC 2020 World Finals. The company will create the ICPC Finals digital infrastructure in Moscow.

Raiffeisenbank is a subsidiary of Raiffeisen Bank International AG (RBI); it is one of the most reliable, stable and efficient banks on Russian market. The mission of the bank is to transform continuous innovation into superior customer experience. In recent years, the bank has transformed its business, centering it on new technologies and data-driven approaches. Being able to find new and elegant solutions even to the most challenging tasks is what differentiates ICPC winners, and these are the qualities the bank welcomes in the members of its team. Several participants of the latest ICPC Moscow Programming Contest have already found jobs they enjoy at Raiffeisenbank.

Acer. Founded in 1976, today Acer is one of the world's top ICT companies with a presence in over 160 countries. As Acer looks to the future, it is focused on enabling a world where hardware, software and services will be fused in order to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break down the barriers between people and technology.

Yandex is a technology company that builds intelligent products and services powered by machine learning. Since 1997, we have been delivering world-class, locally relevant search and information services, as well as developing market-leading life-enhancing technology products for millions of people across the world. Yandex has been supporting programming contests, including the ICPC, both nationally and globally since 2007. With a strong focus on education, we share the ICPC's goals to foster innovation, increase initiatives in problem solving, and broaden opportunities for young specialists. Having had 41 ICPC winners on the Yandex team, we are proud to support the exceptional talent that arises thanks to this contest.

RDI.Digital is an international creative integrator of digital solutions. The company develops and integrates digital projects for the arts & culture sphere. Its areas of work include: project management from idea to implementation, introducing innovations into the sphere of arts & culture, and consulting in the field of CultTech. RDI.Digital is the organizational partner of the ICPC World Finals in Moscow and uses all its expertise and experience to best implement the program activities.

For information requests please reach out to press@icpc.global