Published on *CERN openlab* (http://test-static-05.web.cern.ch)

European Organization for Nuclear Research (CERN) and Innopolis University signed the CERN openlab V Agreement on Cooperation [1]

Based on the agreement, the university will take part in multilateral and bilateral research projects. The first Russian IT-university has become a research member of CERN openlab. The agreement enables Innopolis University to take part in joint innovation projects and grants access to knowledge and expertise from the world?s largest laboratory for high-energy physics. The Russian part in its turn will provide support in implementation of joint projects and will contribute to CERN openlab?s educational programme.

CERN openlab is a unique public-private partnership that accelerates the development of cutting-edge solutions for the worldwide LHC community and wider scientific research. CERN openlab was established in 2001 and is now in its fifth phase (2015-2017), which tackles ambitious challenges covering the most critical needs of IT infrastructures in domains such as data acquisition, computing platforms, data storage, computer architectures, data analytics, networks and communication. Through CERN openlab, CERN cooperates with leading ICT companies, universities and research institutes [2].

According to Manuel Mazzara, Manager for Innopolis University?s collaboration with CERN openlab: ?This agreement opens new perspectives and opportunities for Innopolis University. After having signed the general agreement, and showing the mutual intention of the two institutions to actively collaborate, we are now effectively involved in a real cutting-edge research project involving CERN, Newcastle University, Kazan Federal University and Intel. Within the Human Brain Development Project students will be able to get hands-on experience in cloud computing with the latest high-performance computing hardware and to actively participate in the design and development of the next-generation simulators of biological tissue?. Along with Manuel Mazzara, Head of the Software Models, Design and Architectures lab, Innopolis University researchers Leonard Johard and Alexander Chichigin are engaged in realization of the cooperation.

Innopolis University encourages students to take part in the Human Brain Development

Project and opens call for applications [3].

At CERN, physicists and engineers are probing the fundamental structure of the universe. They use the world's largest and most complex scientific instruments to study the basic constituents of matter ? the fundamental particles.

Russia holds Observer Status at CERN and has a long-standing history of contributing to CERN?s scientific projects. Russia has applied for Associate Member status of the Organization. There are currently over 1000 CERN scientific users with Russian nationality.

Press Release pdf:
European Organization for Nuclear Research (CERN) and Innopolis University signed the CERN openlab V Agreement on Cooperation.pdf [4]
Released by:
Innopolis University [5]

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