📞 +7 (843) 203-92-53   ✉ university@innopolis.ru

Поиск по сайту   🔍   EN ⌄

Innopolis University, CERN, Newcastle University and Kazan Federal University held a Meeting on BioDynaMo Project.

The project partners met at Innopolis University in Russia to discuss the main issues of the BioDynaMo project that is focused on using of cloud technologies for designing a prototype able to simulate biological tissue growth, with a particular focus on human brain development.

📅 **22 June 2016**   📍 **Innopolis**   👁 **48 visits**

The prototype will be able to reproduce a full-scale simulation of the human cortex in order to better understand how brain cells communicate with each other and arrange in a complex organism. Such simulations will help scientists to discover the evolution of the human brain and to enhance the effectiveness and efficiency of experiments concerning the living human brain.

BioDynaMo is part of CERN openlab's work on code modernization with partner company Intel. Once the Russian University obtained the status of an official research member of CERN openlab, scientists of Innopolis University **Manuel Mazzara** and **Leonard Johard**, started working on the BioDynaMo project. This agreement has opened the door to numerous innovative projects for the University, with BioDynaMo being the first one.

According to **Alberto Di Meglio**, head of CERN openlab, "Innopolis University has a key focus on collaboration with industry and other research organizations. This fits well with our mission of promoting technological innovation, education, collaboration between research and industry." He noted that the current collaboration with the Russian University is focused on application of information technology in medical research. Di Meglio said: "Knowledge transfer and supporting development of IT solutions to enable top-class research in various fields is a key part of CERN openlab's strategy. Our collaboration with Innopolis University is important in helping us to achieve this goal".

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IN THE SPOTLIGHT

RECOMMENDED FOR YOU

[Summer School on Sailfish OS for mobile apps developers and Linux enthusiasts at Innopolis University (/en/news/sailfish-os-summer-school/)](/en/news/sailfish-os-summer-school/)

[Russian Federation and the Kingdom of the Netherlands discussed cooperation in the field of technology and innovation (/en/news/meeting-russia-nederland/)](/en/news/meeting-russia-nederland/)

Most popular

[Innopolis University became the co-organizer of "Skolkovo Robotics 2015" which is the main Russian Robotics Conference (/en/news/innopolis-university-became-the-co-organizer-of-skolkovo-robotics-2015-which-is-the-main-russian-rob/)](/en/news/innopolis-university-became-the-co-organizer-of-skolkovo-robotics-2015-which-is-the-main-russian-rob/)

📍 Kazan

The Skolkovo International Robotics Conference promises to be bigger, longer and more compelling than ever before this year, with around 1,200 participants expected at the Hypercube for Russia's top robotics event in March.

📅 1 January 2015   👁 760

[Innopolis University invites you to participate in a talk about Maven and recommendation engines (/en/news/innopolis-university-invites-you-to-participate-in-a-talk-about-maven-and-recommendation-engines/)](/en/news/innopolis-university-invites-you-to-participate-in-a-talk-about-maven-and-recommendation-engines/)

📍 Innopolis

The talk is organized by the Data Science and Information Systems Lab.

📅 8 August 2015   👁 644

[Dmitry Medvedev visited the Russian stage of the World Robot Olympiad (WRO2015) (/en/news/dmitry-medvedev-visited-the-russian-stage-of-the-world-robot-olympiad-wro2015/)](/en/news/dmitry-medvedev-visited-the-russian-stage-of-the-world-robot-olympiad-wro2015/)

 Innopolis

Prime Minister of the Russian Federation viewed creative projects of the participants of the Olympiad

 9 June 2015   508

[Innopolis University (/)](/)

About University

Education

Research

For Partners

Contact Us

 1, Universitetskaya Str., Innopolis, 420500

 +7 (843) 203-92-53
  Admission — Ext. 191
  Faculty Recruitment — Ext. 139
  HR Depatrment — Ext. 113
  International Relations — Ext. 173

✉ university@innopolis.ru

For Press & Media

✉ pr@innopolis.ru

📞 +7 (843) 203 92 53 Ext. 117

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