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**International Online IT-School**

**12-16 October 2020, Arkhangelsk**

**ANNOUNCEMENT LETTER**

*Dear partners,*

[Northern Arctic Federal University](https://narfu.ru/en/) (Arkhangelsk, North-West Russia) is pleased to announce the [**International Online IT-School**](https://itfest.narfu.ru/it-school/) to be held on **12-16 October 2020** within the framework of the [17th International Youth Festival of Information Technologies “IT-Arkhangelsk”](https://itfest.narfu.ru/).

The programme is designed by NArFU Higher School of Information Technologies and Automated Systems as an educational course for students interested in broadening their knowledge and skills in developing IT projects based on modern end-to-end technologies.

The rich and intensive programme of the School consists of lectures, workshops and presentation sessions. During the lecture course lead by Russian and foreign scientists and experts the students will address the contemporary technologies in the innovative IT projects management: IoT, artificial intelligence, blockchain and others.

The participants will have a unique opportunity to become a part of the Living Laboratory aimed at generating innovative solutions related to regional challenges. Under the supervision of international team of ***CBC Kolarctic*** [***Disruptive IT for Barents Euro-Arctic Regions Project***](http://www.dit4bears.org/) the students will elaborate and present their own project ideas.

**Prospective participants:** bachelor and master students from foreign and Russian HEIs

**Language of instruction:** English

**Workload**: 2 ECTS. Participants are issued certificates

**Dates:** 12-16 October, 2020

**Mode of study**: Online (ZOOM platform, Moscow time)

The **preliminary schedule**:

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| **12th October:** | * Opening session * Keynote lecture on IT projects * Big Data Technology. Opportunities and prospects of use. Lecture * Academic writing. Lecture * IT project management * Project assignment |
| **13th October:** | * Innovative IT Projects. Lecture * Deep learning. Practical approach. Lecture * Academic writing. Workshop * Project work |
| **14th October:** | * Keras. Train your own neural network. Workshop * Academic writing. Workshop * IT project management * Project work |
| **15th October:** | * Smart city. IoT. Case of Arkhangelsk region * IT for health and wellbeing * Blockchain technology. Lecture |
| **16th October:** | * Projects Presentation * Closing remarks |

**How to apply:** The application deadline for students is **13th September, 2020**

The candidates are kindly asked to fill in the [registration form](https://narfu.ru/en/studies/arcticschool-2019/application.php) on the School web-page

<https://itfest.narfu.ru/it-school/registration/>

**Financing**: no participation fee is charged

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| For more information please contact the **coordinators**: | http://qrcoder.ru/code/?https%3A%2F%2Fitfest.narfu.ru%2Fit-school%2F&4&0 |
| Ms. Tatiana Desiatova,  School Coordinator, NArFU Higher School of Information Technologies and Automated Systems  Mr. Ilya Mayorov,  Director of NArFU Higher School of Information Technologies and Automated Systems |
| [**itschool@narfu.ru**](mailto:itschool@narfu.ru) |