

Centre of Excellence (CoE) in IT Science and Technology for the Internet of Things and Smart Living Systems. InnoITeam Newsletter 1

In early September, the first phase of EU project »InnoITeam – Centre of Excellence in IT Science and Technology« started.

Data is new resource, “new oil”, which opposite to natural resources, is increasing exponentially. Integration of different kind of data – media, satellites, sensor/device (IoT), public sector (Open Data), business, scientific - will help to implement holistic approach and will create new services and solutions. High requirements on data quality evidence-based decisions are only as good as the data they operate. New possibilities to generate data, new potential to access data with ease will expose new challenges for Open Data and IoT data – legal, ethical and cybersecurity.

The project was initiated to address and promote growth in several technological sectors in Lithuania and encourage EU teaming in ICT-related research and innovation. The overall objective of the project is to create a new Centre of Excellence (CoE) in IT Science and Technology for the Internet of Things and Smart Living Systems, which will be referred to as “InnoITeam”.

InnoITeam project funded by the European Union’s Horizon 2020 research and innovation programme and coordinated by the Kaunas University of Technology. The first phase of this project has been started from September 2017 and will end on August 2018. During the first phase, the project team will focus on preparing a comprehensive business plan for the establishment of a new Lithuanian Centre of Excellence in IoT Science and Technology.

Digitalisation is the greatest transformational force of society of today. The demand to reach the digitalisation of the society requires responsible and sustainable solutions. Through the ICT can become a driving force for contributing to social good, the number of challenges has to be faced. Computers are not anymore perceived as distinct technological objects. It is expected that there will be 20.8 billion of connected devices by 2020. Four explicit research and innovation topics will be covered by InnoITeam project: User interface and interaction design approach for Smart Environments based on IoT; Cybersecurity aspects in the Smart Environments based on IoT; Data analysis and visualization approaches for data-intensive IoT environments; Cognitive IoT technologies for smart home environments.

Project mission is to be responsible for implementing and distributing scientific knowledge in the IoT field by providing international and interdisciplinary leadership in the Baltic sea region, create and transfer advanced knowledge, technology and integrated solutions in IoT related ICT areas, foster talents of a new generation of innovation-oriented researchers and professionals and to promote further enactment and involvement in IT sector for those in common businesses and households.

Project is funded by the EU European Commission Research and Innovation programme Horizon 2020 under Grant Agreement No 763805

The project is supported by:

Ministry of Economy of the Republic of Lithuania

The Ministry of Justice of the Republic of Lithuania

Information Society Development Committee under the Ministry of Transport and Communications

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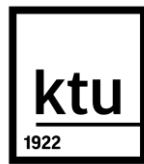
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