

# Internet of Things (IoT) for Smart Cities

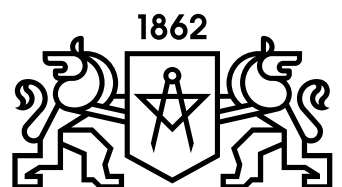
**T**he summer school will be organized following up the latest trends in the Internet of Things, which is becoming a part of our lives in the coming years. Throughout the summer school there will be a wide range of activities related to the Internet of Things and solutions based on smart city development. The Smart Emerging Technology School "IoT for Smart Cities" will include academic classes, practical group works, companies' visits, cultural and leisure activities. **The course aim is to develop students' non-standard and creative thinking by solving versatile engineering tasks faced by engineering professionals in their daily work.**



## The proposed topics of the program

- Telecommunications and Computer Networks
- IoT Sensor Networks
- Fiber Optic Transmission Systems' Networks
- Physics of Optical Information Processing
- 5G Wireless Technology
- Methods for Evaluating the Performance of Real-Time Transport Systems
- Modelling of EM Fields in ABC and Simulation Environment
- Smart Transportation Systems
- Photonics

3 WEEKS  
10 ECTS



RIGA TECHNICAL  
UNIVERSITY

UPON  
REQUEST



## Accommodation Options

Riga Technical University offers accommodation if booked in advance. The Student Hostel is located in the RTU Kipsala Campus. **Within walking distance there is a big shopping mall with grocery store, cafeterias, pharmacy, sport and free time accessories shop and the city centre is reachable on foot.**

## Extra Activities

Summer School will involve not only academic classes and practical group works, but also interesting organisation visits and unforgettable cultural and leisure activities that will bond the team. **Extra activities include: Sight-seeing tour in Riga • Excursions to the most beautiful cities in Latvia • Wild nature hiking and boating tours • Exciting team bonding activities • Latvian Culture and Cuisine workshops and lots other activities.**



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## Contacts

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For more  
information and  
application click  
**APPLY**

**APPLY**



## Application

**The required entry documents:**

- CV
- Motivation letter
- English language proficiency document
- Bachelor/master diploma or transcript of records
- Copy of passport (or ID card for citizens of EU countries).