DURATION AND CERTIFICATE:

The Summer School lasts 16 days and contains six special modules with corresponding tutorials, one module „Academic Presentation“ (German or English) plus individual research and studies for the module „Academic Writing“ with a total amount of 8 credits. Credits are allocated based on student’s workload (ECTS-system).
The Summer School ends with a final exam. Upon successful completion of the courses, a certificate, which confirms the ECTS-credits earned as well as the grade, is awarded. The certificate is signed by all lecturers and includes a detailed description of the content and number of the courses attended.

AIMS:

- Preparation for international Master and PhD programmes in Germany
- Further specialisation in computer science and information technology
- Learning in a stimulating environment

BENEFITS:

- Free accommodation
- No fee for students
- Reimbursement of travel costs for participants from the Baltic and neighbouring states

PLANNED TOPICS AND LECTURERS:

- **MODULE A: Concepts in Cryptography**
  Prof. Dr.-Ing. habil. Andreas Ahrens, Wismar
- **MODULE B: Network Security**
  MSc Dennis Boldt, Lübeck
- **MODULE C: Continuity Planning of Cyber Defense**
  Dr.-Ing. Thomas Mundt, Rostock
- **MODULE D: Software Reliability**
  Prof. Dr. rer. nat. habil. Martin Leucker, Lübeck
- **MODULE E: Dependability of Computer Systems**
  Prof. Dr.-Ing. habil. Peter Sobe, Dresden
- **MODULE F: e-Government**
  Local lecturer, Tallinn
- **PRACTICAL WORKSHOP: WiFi and Sensor Networks**
  Dipl.-Ing. Maciej Mühleisen, Hamburg

CONTENT:

- Courses in technical informatics and information technology
- Introduction to academic writing and advanced research topics
- Attendance at Baltic Young Scientists Conference
- Tutorials and practical work
- Language training for academic talk and presentation
- Excursions and social events

DAY	9:00 - 10:30	10:45 - 12:15	12:15-13:30	13:30 - 15:00	15:15 - 16:45	17:00 - 18:30	19:00
20.07.	Welcome Meeting	Academic Socialising	Break	Lecture A	Lecture B	Lecture C	City Tour
21.07.	Academic Presentation (German or English)		Break	Lecture A	Lecture B	Lecture C	
22.07.	Academic Presentation (German or English)		Break	Visit to EFSI	Lecture A	Lecture B	
23.07.	Academic Presentation (German or English)		Break	Academic Writing	Lecture A	Lecture C	Social Event
24.07.	Students Presentation		Break	Tutorial A	Lecture B	Lecture C	
25.07.	Tutorial B	Tutorial C	Break	Home Studies for Exam / Consultations			
26.07	**Exam (Part 1)**	Excursion / Guided Tour 1				Relax or Sports	
27.07.	Study in Germany	**** Conference ****	Break	**** Conference ****		Alumni Meeting	Social Event
28.07.	**** Conference / Workshops ****		Break	**** Conference / Workshops ****		Academic Writing	
29.07.	Lecture D	Lecture E	Break	Lecture F	Practical Workshop		
30.07.	Lecture D	Lecture E	Break	Lecture F	Practical Workshop		Evening Talk
31.07.	Lecture D	Lecture E	Break	Lecture F	Lecture F	Tutorial F	
01.08.	Lecture D	Tutorial D	Break	Lecture E	Tutorial E	Relax or Sports	
02.08.	**Exam (Part 2)**	Discussion /Feedback	Excursion / Guided Tour 2				Farewell

TOTAL TIMES:

Lectures:	48 hours
Tutorials:	12 hours
Practical Workshop:	8 hours
Presentation Skills:	16 hours
Academic Writing:	4 hours
Conference/Workshops:	14 hours
Alumni:	4 hours

**** SPECIAL EVENT ****

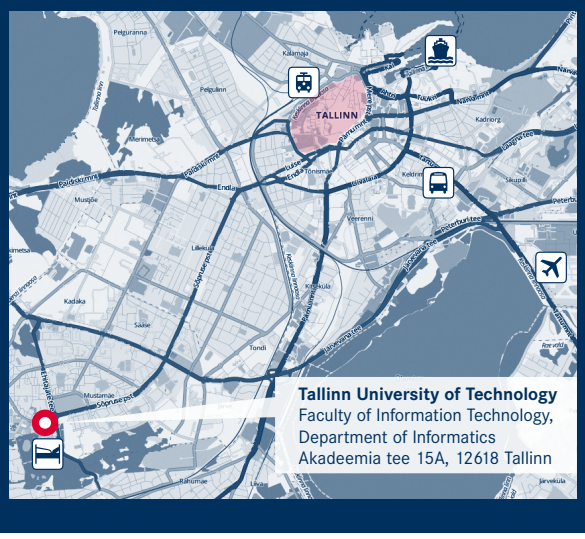
27.- 28.07.2015
YOUNG SCIENTISTS CONFERENCE

„Summer school gave me unforgettable and useful experience, opened new horizons and helped me to make new friends abroad. Moreover, the lectures were fantastic, I enjoyed every second.“

Volha Baban, Alumni from Belarus

LOCATION & ORIENTATION:

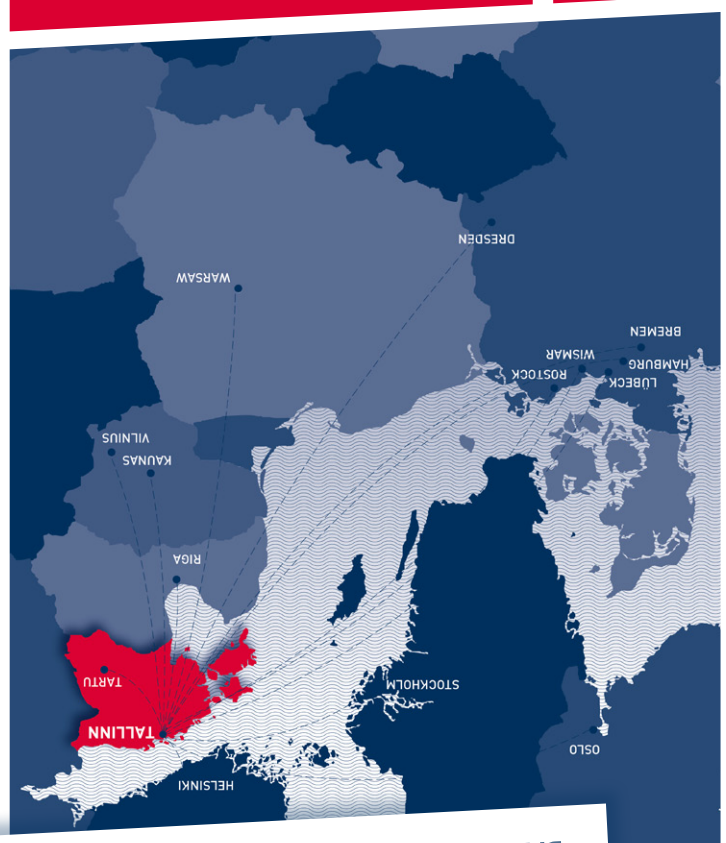
- **Courses, conference and alumni meeting**
- **Accommodation:** Academic Hostel, Akadeemia tee 11, from the city with bus No. 36 or trolley bus No. 3
- **from Airport Tallinn-Lennart Meri** with bus No. 2 to the city
- **Coach Station - Tallinna Bussijaam**
- **Railway Station - Balti Jaam**
- **Ferry terminals**



BALTIC SUMMER SCHOOL

Technical Informatics & Information Technology

APPLY NOW!!!



20.07.-02.08.2015

11th International Summer School in Tallinn / Estonia

DAAD
Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

Funded by the German Academic Exchange Service by means of the German Federal Ministry of Education and Research

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http://www.ttu.ee/en

ORGANISER:

Science Confederation IuK, Rostock
Coordinator: Dr. Christine Bräuning
Scientific Director: Prof. Dr. Clemens Cap

Welcome to Tallinn

This year, the Science Confederation IuK is organising an International Summer School at the Tallinn University of Technology under the aegis of the German Embassy in Tallinn. For the eleventh straight year, the German Academic Exchange Service (DAAD) will be funding the Summer School.
The International Summer School offers special courses to support the internationalisation of education and the cooperation among the universities of the Baltic Sea Region.

TARGET GROUP:

Students and professionals in the fields of informatics, computer science or electrical engineering

REQUIREMENTS:

- A completed Bachelor’s Degree in informatics, computer science or electrical engineering or similar subject
- Good knowledge of English (and possibly German) language

APPLICATION PROCEDURE:

Prepare the following documents:

- Letter of Intent
- Short Curriculum Vitae
- Certificate of Examinations or Academic Transcript
- Language Certificate for English (and possibly German)
- (optional) Letter of Recommendation
- Register online at:
  http://basoti.uni-rostock.de

DEADLINE FOR APPLICATION:

1st June 2015

INFORMATION FOR SUCCESSFUL APPLICANTS:

15th June 2015

AVAILABILITY OF LECTURE MATERIALS:

1st July 2015

DEADLINE FOR CONFERENCE PAPERS:

15th May 2015