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 twelfth 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 2016

INFORMATION FOR SUCCESSFUL APPLICANTS:

15th June 2016

AVAILABILITY OF LECTURE MATERIALS:

1st July 2016

DEADLINE FOR CONFERENCE PAPERS:

15th May 2016

CONTACT GERMANY:

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ORGANISER:

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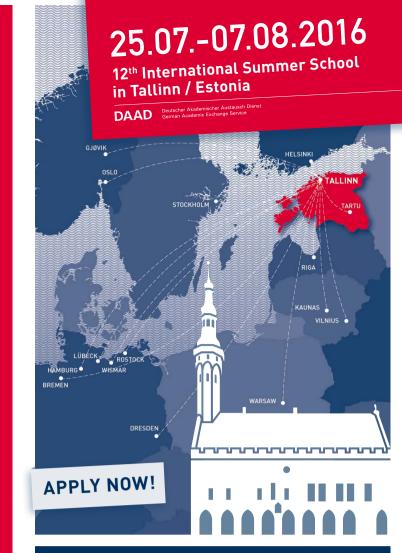Scientific Director: Prof. Dr. Clemens Cap

iuK Wissenschaftsverbund

Kontaktbüro Hochschulen Mecklenburg-Vorpommmern

TALLINN UNIVERSITY OF TECHNOLOGY

Universität Bremen

Universität Rostock — Traditio et Innovatio

UNIVERSITÄT ZU LÜBECK

HOCHSCHULE WISMAR

HTW — Hochschule für Technik und Wirtschaft Dresden, University of Applied Sciences

TUHH — Technische Universität Hamburg Harburg

EKEI — EESTI KOHTUEKSPERTIISI INSTITUUT

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

25.07.–07.08.2016

12th International Summer School in Tallinn / Estonia

DAAD Deutscher Akademischer Austausch Dienst / German Academic Exchange Service

GJØVIK, HELSINKI, OSLO, STOCKHOLM, TALLINN, TARTU, RIGA, KAUNAS, VILNIUS, LÜBECK, ROSTOCK, HAMBURG, WISMAR, BREMEN, WARSAW, DRESDEN

APPLY NOW!

BALTIC SUMMER SCHOOL

Technical Informatics & Information Technology

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**

"This Summer school gave me the unforget-table 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

CONFERENCE YOUNG PhD

01.–02.08.2016

** SPECIAL EVENT **

TOTAL TIMES:

Lectures:	48 hours
Tutorials:	12 hours
Practical Workshop:	8 hours
Presentation Skills:	16 hours
Academic Writing:	7 hours
Conference/Workshops:	14 hours
Studying in Germany	1 hours
Alumni:	4 hours

Schedule

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
25.07.	Welcome Meeting	Academic Socialising	Break	Lecture A	Lecture B	Lecture C	City Tour
26.07.	Tutorial A	Lecture A	Break	Lecture A	Lecture B	Lecture C	
27.07.	Visit to EFSI	Lecture A	Break	Lecture B	Lecture C		
28.07.	Academic Presentation (German or English)	Break	Academic Writing	Lecture A	Lecture C	Social Event
29.07.	Academic Presentation (German or English)	Break	Tutorial A	Lecture B	Lecture C	
30.07.	Students Presentation	Break	Tutorial C	Tutorial B		
31.07.	**Exam [Part 1]**	Excursion / Guided Tour 1	Relax or Sports			
01.08.	Conference	Break	Conference	Conference	Alumni Meeting	Social Event
02.08.	Conference / Workshops	Break	Conference / Workshops	Academic Writing		
03.08.	Practical Workshop	Break	Lecture D	Lecture E	Lecture F	Evening Talk
04.08.	Lecture D	Lecture E	Break	Lecture E	Lecture F		
05.08.	Lecture D	Lecture E	Break	Lecture F	Lecture F	Tutorial F	
06.08.	Lecture D	Tutorial D	Break	Lecture E	Tutorial E	Relax or Sports	
07.08.	**Exam [Part 2]**	Discussion / Feedback	Excursion / Guided Tour 2			Farewell

(Note: in the schedule, "Home Studies for Exam / Consultations" appears on 30.07; "Study in Germany" on 01.08.)

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

PLANNED TOPICS AND LECTURERS:

- **MODULE A: Network Security**
  MSc Dennis Boldt, Lübeck
- **MODULE B: Network Forensics**
  Prof. Dr. rer. nat. Clemens Cap, Rostock
- **MODULE C: E-Government**
  Local lecturers
- **MODULE D: Software Reliability**
  Prof. Dr. rer. nat. Martin Leucker, Lübeck
- **MODULE E: Reliability of Computer Systems**
  Prof. Dr.-Ing. Peter Sobe, Dresden
- **MODULE F: Ethical Hacking and Security Testing**
  Prof. Dr.-Ing. Thomas Kemmerich, Bremen & Gjøvik
- **PRACTICAL WORKSHOP: WiFi and Sensor Networks**
  Dr.-Ing. Maciej Mühleisen, Hamburg

BENEFITS:

- No fee for students
- Free accommodation

AIMS:

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

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.