

WELCOME TO VILNIUS

This year, the Science Confederation IuK has organised an International Summer School at Vilnius Gediminas Technical University under the aegis of the German Embassy in Vilnius. The DAAD now supports the Summer School the ninth year.

The International Summer School offers special courses to support the internationalisation of education and the cooperation among the universities of the Baltic Sea Region.

AIMS:

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

CONTENT:

- Courses in technical informatics and information technology
- Introduction into academic writing and advanced research topics
- Attendance at conference „Network Security & Forensics“
- Tutorials and practical work
- Language training for academic talk and presentation
- Excursions and social events

SPECIAL EVENT

→ 27th to 28th July 2013

BALTIC CONFERENCE ON NETWORK SECURITY & FORENSICS

CONTACT

Rostock, Germany
118 7660

Faculty of Fundamental Sciences

Local Director: Prof. Mindaugas Rybokas
E-mail: rybokas@vgtu.lt

Project Mangement: Lina Sarkaite
Vice-Director of International Relations Office
Sauletekio al. 11, Room 517, Vilnius LT-10223, Lithuania
Phone: +370 5 274 50 29 / Fax: +370 5 270 01 12
E-mail: lina.sarkaite@vgtu.lt
<http://www.fm.vgtu.lt/en>

ORGANISER:

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



Universität Rostock



VILNIUS GEDIMINAS TECHNICAL UNIVERSITY



HAW Hochschule für Technik und Wirtschaft Dresden University of Applied Sciences



Universität Bremen



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

BALTIC SUMMER SCHOOL

Technical Informatics & Information Technology

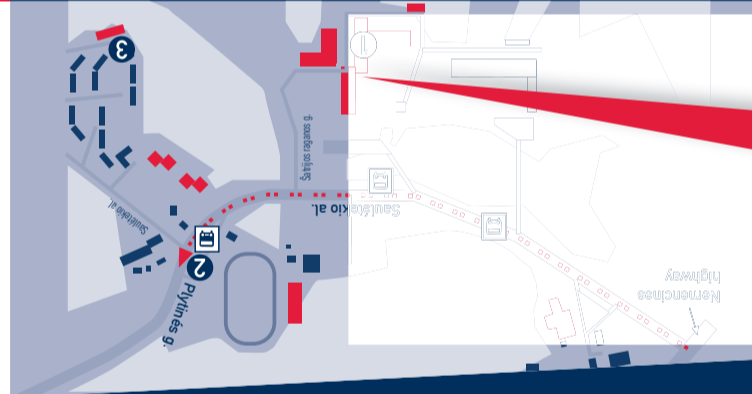
→ Apply now ←
9th International Summer School in Vilnius!



20.07.-04.08.13

DAAD Deutscher Akademischer Austausch Dienst German Academic Exchange Service

- ### ORIENTATION :
- 1 Welcome Meeting: VGTU campus building II, room 507
Lectures: VGTU laboratory building, room L401
Tutorials: rooms L417, L418, L420, L427
 - 2 Final Bus Stop „Senoji plytine“
Accommodation: Students' Hostel No. 6, Sauletekio al. 39 A
From Airport Vilnius with city bus No. 2 to stop „Lukiskės“ and change to trolleybus No. 10 to VGTU campus
 - 3 From Train Station with trolleybus No. 2 to VGTU campus



LOCATION :

Vilnius Gediminas Technical University
Faculty of Fundamental Sciences
Sauletekio al. 11
LT-10223
Vilnius

- ### BENEFITS:
- Free accommodation
 - No fee for students
 - Reimbursement of travel costs for participants from the Baltic states and neighbour states

TOTAL TIMES:
Lectures: 48 hours
Tutorials: 12 hours
Practical Work: 16 hours
Presentation Skills: 16 hours
Academic Writing: 4 hours
Conference: 10 hours
Alumni: 6 hours

DAY	9:00 - 10:30	10:45 - 12:15	13:30 - 15:00	15:15 - 16:45	17:00 - 18:30	19:00
20.07.	Welcome Meeting	Academic Socialising	Lecture A	Lecture B	Lecture C	Get Together
21.07.	Academic Presentation (German or English)	Academic Writing	Lecture A	Lecture B	Lecture C	Lectures
22.07.	Academic Presentation (German or English)	Visit IT Company	Lecture A	Lecture B	Lecture C	Practical Work:
23.07.	Academic Presentation (German or English)	Practical Work	Lecture A	Lecture B	Lecture C	12 hours
24.07.	Students Presentation	Practical Work	Tutorial A	Lecture C	Relaxation / Home Studies	16 hours
25.07.	Exam (Part 1)	Tutorial B	Lecture C	Relaxation / Home Studies	Alumni	6 hours
26.07.	Exam (Part 2)	Lecture B	Lecture C	Relaxation / Home Studies	Conference	10 hours
27.07.	Preconference	Students Talks & Poster Lunch	Acad. Job Market	Studying in Germany	Social Event	4 hours
28.07.	Conference	Conference	Practical Work	Social Event	Alumni	6 hours
29.07.	Lecture D	Lecture E	Lecture F	Relax or Sports	Evening Talk	12 hours
30.07.	Lecture D	Lecture E	Lecture F	Relax or Sports	Evening Talk	16 hours
31.07.	Lecture D	Lecture E	Academic Writing	Tutorial F	Practical Work	16 hours
01.08.	Lecture D	Tutorial E	Lecture E	Relax or Sports	Fare Well	10 hours
02.08.	Practical Work Presentation	Feedback	Tutorial E	Relaxation / Home Studies	Fare Well	6 hours
03.08.	Excursion / Guided Tour 2	Excursion / Guided Tour 2	Relaxation / Home Studies	Relaxation / Home Studies	Fare Well	6 hours
04.08.	Exam (Part 2)	Exam (Part 2)	Relaxation / Home Studies	Relaxation / Home Studies	Fare Well	6 hours

- ### PLANNED TOPICS AND LECTURERS:
- **MODULE A: Basic Concepts in Cryptography**
Prof. Dr.-Ing. Andreas Ahrens, Wismar
 - **MODULE B: Network Security**
Dr.-Ing. Dennis Pfisterer, Lübeck
 - **MODULE C: Advanced Cryptographic Applications**
Prof. Dr. rer. nat. Clemens Cap, Rostock
 - **MODULE D: Privacy Protection and Anonymity in the Internet**
Prof. Dr.-Ing. Peter Sobe, Dresden
 - **MODULE E: Computer Forensics**
Dr.-Ing. Thomas Mundt, Rostock
 - **MODULE F: Information Security Management Systems and Cloud Security**
Dr. Thomas Kemmerich, Bremen

DURATION AND CERTIFICATE:

The Summer School lasts 16 days and contains six special modules, 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. On 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.

INFORMATION

APPLICATION

TARGET GROUP:

Students and professionals in the field 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 German and/or English language

APPLICATION PROCEDURE:

Send the following documents to the contact address in Germany:

- Letter of Intent
- Short Curriculum Vitae
- Certificate of Examinations or Academic Transcript
- Language Certificate for German and/or English
- (optional) Letter of Recommendation

Or use online registration at website:
→ <http://basoti.uni-rostock.de>

DEADLINE FOR APPLICATION:

29th May 2013

INFORMATION TO SUCCESSFUL APPLICANTS:

31st May 2013

AVAILABILITY OF LECTURE MATERIALS:

30th June 2013

DEADLINE FOR CONFERENCE PAPERS:

20th April 2013

20.07.-04.08.13

DEADLINE FOR APPLICATION: 29TH MAY 2013

BALTIC SUMMER SCHOOL

Technical Informatics &
Information Technology

DAAD

Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

→ Apply now ←
9th International Summer
School in Vilnius!

OSLO

STOCKHOLM

TALLINN

TARTU

RIGA

KAUNAS

VILNIUS

LÜBECK

ROSTOCK

WISMAR

BREMEN

WARSAW

DRESDEN

SPECIAL EVENT → 27th to 28th July 2013
BALTIC CONFERENCE ON NETWORK SECURITY & FORENSICS



Organised by Science Confederation iuk,
University of Rostock

CONTENT

- Courses in technical informatics and information technology
- Introduction into academic writing and advanced research topics
- Attendance at conference „Network Security & Forensics“
- Tutorials and practical work
- Language training for academic talk and presentation

TOPICS

- Basic Concepts in Cryptography
- Network Security
- Advanced Cryptographic Applications
- Privacy Protection and Anonymity in the Internet
- Computer Forensics
- Information Security Management Systems and Cloud Security

APPLICATION FOR FREE PARTICIPATION

TARGET GROUP → Students and professionals in the field of informatics, computer science or electrical engineering

REQUIREMENTS → A Bachelor's Degree in informatics, computer science or electrical engineering → Letter of Intent → Short Curriculum Vitae → Certificate of Examination or Academic Transcript → Language certificate

Send the documents to the contact address or use online registration at website:
<http://basoti.uni-rostock.de>

CONTACT & INFO

Project Coordinator: Dr. Christine Bräuning
Scientific Director: Prof. Dr. Clemens Cap

University of Rostock
Department of Computer Science
Albert-Einstein-Str. 22, Room 364
18059 Rostock, Germany

Phone: +49 381 498 7660
Fax: +49 381 498 118 7660
E-mail: christine.braeuning@uni-rostock.de