

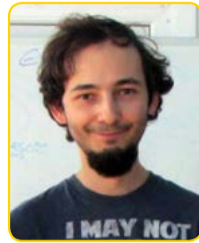


# Newsletter - no 5, 2017

- Department of Mathematics and Computer Science

## CO-WORKERS AND GUESTS

On 14 August, **Ulla-Britt Beyron** started substituting (60%) for Inger Bran, Computer Science. Ulla-Britt will be on duty till 30 September. Before retiring in March 2016, she had been working at the nursing department for ten years.



Alexander Reilen, PhD student in the Privacy&Us project, visits computer science for six months. His research area is usable privacy for IoT and smart spaces. Alexander enjoys cross-disciplinary challenges, especially those that combine technology and knowledge about human nature. He is a big fan of sci-fi literature and films and likes ping-pong and wordplay; occasionally he writes poetry (usually when something is wrong).



On 14 August Christian Thifors started his half-year employment as a lecturer in Mathematics. He will be involved in the upper secondary teacher programme and mathematics for engineers. He taught Maths and Physics in upper secondary school.

In the autumn semester, starting on 14 August, **Pär Döhlmark** is a lecturer in mathematics. He is responsible for the mathematics course in the foundational year programme and will also teach modules in teacher education programmes. He has a background as an upper secondary teacher of Maths and Italian.



"During September, Michael Eden, PhD student in Industrial Mathematics at the University of Bremen, Germany, visits Prof. Muntean of the Applied Analysis Group in the mathematics department to work on mathematical problems relating to bainitic phase transformations in steels, hoping to better understand their interplay with transformation induced plasticity."



After the summer **Stina Rödger Berglund** started as an administrative officer in the mathematics section, with the foundational year and teacher training mathematics courses as her main area of responsibility. She has been employed at Karlstad University since 1998 and has also worked in our faculty previously. Her most recent department was the health sciences.

## CURRENT NEWS FROM THE DEPARTMENT

### INCREASED DIGITAL COMPETENCE IN VÄRMLAND SCHOOLS



FUNDIG, the research school for the digitalisation of teaching, has started at Karlstad University, with 7 licentiate students starting the 1st of September. The aim is to contribute to the development of the digital competence in schools. Jorryt van Bommel has been appointed coordinator of FUNDIG, a four-year project funded by Karlstad University and Region Värmland in conjunction with school authorities. The research school is part of the academy of smart specialisation. An article is available at [Inslaget](#) during week 36.

### BEST DEMO AWARD AT IFIP NETWORKING

The NEAT project won the Best Demo Award at the IFIP Networking conference, in Stockholm (June 12-15, 2017). The Demo was presented by Zdravko Bozakov (Dell EMC) on behalf of all the authors. [Read more at kau.se/cs!](#)

### FUTURE NETWORK SERVICES IN MULTIPLE CLOUD-BASED ENVIRONMENTS

Internet services are becoming a greater part of our daily lives and the more complex the service, the higher the demands placed on the systems and networks behind the services. During this week, 26-30 June, Computer Science at Karlstad University arranged the ACRO 2017 summer school that focused on the control and management of network traffic and latency linked to future network services in multiple cloud-based environments. [Read more at kau.se/cs!](#)

### PHD STUDENT ON INTERNATIONAL EXCHANGE IN TOKYO



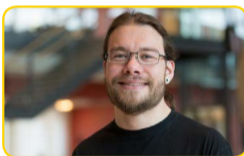
Ricardo Santos, research student in computer science at Karlstad University, is one of few PhD students in Sweden offered a part in JSPS (Japan Society for the Promotion of Science) summer program and the opportunity to do a research exchange in Tokyo. During two months, starting in the beginning of June, Ricardo is located in Tokyo, working together with research colleges at Tokyo Institute of Technology. [Read more at kau.se/cs!](#)

### PRIVACY AND SECURITY IN THE CLOUD

Cloud computing is considered as one of the major growth areas in ICT but a problem is the uncertainty when it comes to satisfactory approaches to adequately protect sensitive data. For addressing such challenges, approximately 30 researchers and experts gathered at Karlstad University for three days during 27-29 June for a consortium meeting within the PRISMACLOUD (Privacy and Security Maintaining Services in the Cloud) project.

### SECURITY AND PRIVACY IN ELECTRONIC HEALTHCARE SYSTEMS

All over the world, digital tools are increasingly being used to improve and streamline healthcare services. This



does not only lead to positive results, but also creates opportunities for new types of threats regarding information security and privacy. [Read more at kau.se/cs!](#)

## CURRENT NEWS FROM KARLSTAD UNIVERSITY

### MEET JOHAN STERTE, THE NEW VICE-CHANCELLOR ON MONDAY 4 SEPTEMBER



Today, September 1, Johan Sterte starts as vice-chancellor at Karlstad University. On Monday, September 4, everyone has the opportunity to meet him in Aula Magna. [Read more on Inslaget!](#)

### SUPPORT FOR ACCOMPANYING PARTNER

Providing support for the accompanying partner of a new recruitment is an important factor in attracting as well as keeping staff. A new support programme for accompanying partner has therefore been launched. The requirement for participation is that the stay in Sweden is for at least two years. The programme will be offered once every semester and comprises two meetings. The first is on 10 October and will be added to the calendar. [Read more at Inslaget!](#)

### PROLONG THE SUMMER: BIKE TO WORK IN SEPTEMBER

The bike-to-work campaign is still going strong in September. [Read more at Inslaget!](#)

### APPLY FOR PARTIAL PENSION BEFORE 30 SEPTEMBER

Employees between 61-65 can apply for partial pension, at the expense of the employer. For the sake of fair treatment with regard to individual requests, the needs of departments, and the university's financial situation, applications are processed once a year. Employees who want to partial pension from 2018 must apply before 30 September. Application form is [available at Inslaget.](#)

## UPCOMING EVENTS

### 4 September

Meet the new vice-chancellor  
Time: 12:45-13:45  
Place: Aula Magna  
[Read more at Inslaget!](#)

### 7 September

Lecture about Open Science with the Swedish National Data Service  
The lecture is aimed at everyone who is involved in research and/or interested in open access issues.  
Time: 13.00-14.00  
Place: 21A 342  
[Läs mer på Inslaget!](#)

### 8 september

50-year anniversary: Karlstad University Branch of Gothenburg University  
Tid: 14.00-15.45  
Plats: Aula Magna  
[Läs mer i kalendern på Inslaget!](#)

### 21 september

IT-middag med SNITS  
Time: 15.00-20.00  
Place: Hus 21  
[Read more at kau.se/cs!](#)

### 28 september

Conference on teaching and assessment at Karlstad University  
Time: 08.30-16.00  
Place: Lagerlöfsalen, 1A305 och Transformum  
[Read more at kau.se!](#)

### 3-4 October

Hits annual workshop 2017  
[Read more at kau.se/cs!](#)

### 5-6 October

Open Identity Summit 2017  
[Read more at kau.se/cs!](#)

## NEWS ARTICLES IN MEDIA

[HON VILL HA BÄTTRE SÄKERHETSKULTUR \(VF.SE\)](#)

[SWEDISH MINISTERS RESIGN AMID DATA SECURITY BREACH SCANDAL \(POLITICO.EU\)](#)

[DIGITAL HEALTH USERS NEED TO BE MINDFUL OF SECURITY RISK \(DIGITAL-JOURNAL.COM\)](#)

[SECURITY AND PRIVACY IN ELECTRONIC HEALTHCARE SYSTEMS \(SCIENCE-DAILY.COM\)](#)

[RESEARCHER EXPLORES WAYS TO SECURE INFORMATION AND PROTECT PRIVACY IN DIGITAL HEALTHCARE SYSTEMS \(NEWS-MEDICAL.NET\)](#)