



Newsletter - no 1, 2018

- Department of Mathematics and Computer Science

CO-WORKERS/GUESTS

Mikael Smedbäck has been appointed temporary lecturer for the spring semester. He will mainly be teaching Mathematics as part of the Preparatory Year.



From the 30th of January, **Terese Zachrisson** will be filling in for Carolina Björn as project coordinator and administrator. Terese has a PhD in History from Gothenburg University.



Hakim Ghazzai joined the Department of Mathematics and Computer Science on January 2nd as a postdoctoral researcher. His research activities are at the intersection of cellular networks, mmWave, and UAV-based communications. Before joining Karlstad University, Hakim worked as a researcher in Qatar Mobility Innovations Center in Doha.



During February, **Simon Grützner**, PhD student in Industrial Mathematics at the University of Bremen, Germany, visits Prof. Adrian Muntean of the Applied Analysis Group in the Mathematics Department. During his stay, Simon will work on a mathematical problem related to damage evolution in materials, hoping to better understand the relation between damage and displacements.



CURRENT NEWS FROM THE DEPARTMENT

MATHEMATICS BIENNIAL – SWEDEN'S LARGEST MATHEMATICS CONFERENCE!

The 2018 Mathematics Biennial was also a success. Over two intensive conference days, the Mathematics Biennial for teachers, pedagogues and those interested in Mathematics was held at Karlstad University. 1 700 participants, lecturers and exhibitors participated 25–26 January. The picture shows one of the officials and three of the invited conference speakers.



FIREWALLS – A SECURITY RISK?

Protecting business networks is getting more and more important. But how well do firewalls actually do in protecting sensitive and confidential information? Configuring firewalls can be complicated, even for system administrators, and that can lead to security risks and opportunities for intruders. [Read more at www.kau.se/cs/!](http://www.kau.se/cs/)

PLATFORM FOR TESTING MOBILE BROADBAND NETWORKS

There is a great need to test the stability and performance of mobile broadband networks. A transnational European platform for testing mobile broadband networks has been developed by the MONROE (Measuring Mobile Broadband Networks in Europe) project. The platform is now open and accessible to external actors. The opening was announced during a conference on Internet measurements. [Read more at kau.se/cs/!](http://kau.se/cs/)

OPEN SOURCE – FROM GEEKY TO THE BEST

Fifteen years ago, open source developers were considered geeky. Today, on the contrary, these are the most sought after developers. Redpill Linpro, a company only working with products based on open source code, hosted the last SNITS lunch of the year on 5 December, with the theme “Kickstarting your career with open source”. [Read more at www.kau.se/cs](http://www.kau.se/cs/)



INTERNATIONAL NETWORK ON PRIVACY AND USABILITY RESEARCH FOR DOCTORAL STUDENTS

The Internet and our ever increasingly digital world hold many advantages, but these come at a price – our privacy. Through an international network of doctoral students, the Privacy&Us project aims at finding solutions that give citizens the benefits of digitalisation, while still protecting their privacy. [Read more at kau.se/cs/!](http://kau.se/cs/)

COMPUTER SCIENCE STUDENTS DEVELOPED MATH APP FOR TEACHERS EDUCATION

In a project work, Computer Science students has developed the app, AddSub. Jorjyt van Bommel has acted as the ordering client during the project. The app is supposed to be used in courses at the teachers' education, to illustrate different ways to add and subtract. Find the app at apparjorjyt.hotell.kau.se



ATT BLI LÄRARE I MATEMATIK

The book Att bli lärare i matematik [Becoming a Maths Teacher] was launched at the Biennial. In the volume, thirteen researchers describe different aspects of Mathematics education and two of our researchers are participating. Yvonne Liljeqvist and Jorjyt van Bommel have written about interaction in the Mathematics classroom and the role played by assignments.



CURRENT NEWS FROM KARLSTAD UNIVERSITY

KJELL MAGNUSSON NEW DEAN OF THE HNT FACULTY

The recruitment process is at an end and the vice-chancellor has appointed Kjell Magnusson, professor of Physics, as the new dean of the Faculty of Health, Science and Technology. His term started on 25 January and stretches until 31 December 2020. [More information on Inslaget.](http://inslaget.se)

CANVAS REPLACES ITSLEARNING DURING 2018

Together with 10 other Swedish universities, Karlstad University is switching to the Canvas course platform during 2018. A project group has been appointed and are currently busy developing a project plan.

UPGRADE TO WINDOWS 10 HAS STARTED

During January, the IT Office has started updating computers to Windows 10. This affects all PC users. When it is time to switch, you will receive an email with information and instructions. If you are receiving a new rental computer before 1 July 2018 there is no need to upgrade; Windows 10 will be installed on your new PC. [More information on Windows 10 is available on Inslaget!](http://inslaget.se)

CLEARER ACTION PROGRAMME AGAINST HARASSMENT

The revised action programme places a greater burden of responsibility on the university as an educational institution and workplace in order to prevent harassment and to promote a good study- and working environment. [More information on Inslaget!](http://inslaget.se)

WELCOME DAYS FOR NEW STAFF

The dates for the spring semester's welcome dates are 15 March (in Swedish) and 10 April (in English). On the welcome day, new staff members are informed about different university functions, including everything from IT to research environments and staff policies, etc. The head of the department will receive more information about this from the dean at the end of January, and you will have to register by 28 February by sending an email to personalutveckling@kau.se.

SOUTH AFRICA IN MAY?

Researchers from Karlstad University now have the opportunity to participate in a research seminar on the global development goals in Pretoria, South Africa, 14–18 May 2018. Funding is available for travel and accommodation costs. [Read more and apply on Inslaget!](http://inslaget.se)

STAFF PARTY, 9 MARCH 2018

Tickets to the staff party on 9 March can now be bought at Välkomstcenter. [Read more on the 2018 staff party on Inslaget.](http://inslaget.se)

UPCOMING EVENTS

14 February
Computer Science subject meeting
Time: 14.15-16.00

14 February
Mathematics subject meeting
Time: 14.15-16.00

20 February
Snitslunch with Elvenite as host
Time: 12.00-13.00
Place: Eva Eriksson-salen

15 March
Welcome Day for new employees (in swedish)
Time: 08.15-16.00
Place: Fryxellsalen 1B306
[More information at Inslaget!](http://inslaget.se)

10 april
Welcome Day for new employees (in english)
Time: 08.15-16.00
Place: Frödingsalen 1B364
[More information at Inslaget!](http://inslaget.se)

NEWS ARTICLES IN MEDIA

[ALLA BEHÖVER KUNSKAP OM SÄRSKILD BEGÅVNING \(TIDNINGENORIGO.SE\)](http://inslaget.se)

[MATEMATIK – ETT ÄMNE I FÖRÄNDRING \(NWT.SE\)](http://inslaget.se)

[FORSKNING FÖR FRAMTIDENS DIGITALA VÄLFÄRDSTJÄNSTER \(IT-PEDAGOGEN.SE\)](http://inslaget.se)