



SCHOOL OF ENGINEERING SCIENCES IN CHEMISTRY, BIOTECHNOLOGY AND HEALTH

CBH News

Nr 6, April 2019

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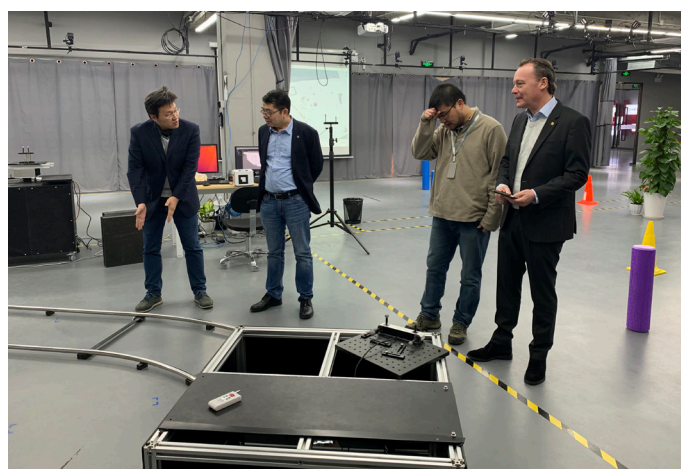
Last week, I visited our strategic partner university in China, Shanghai Jiao Tong University (SJTU). We have collaborations on master's level with the opportunity for our students to receive a double degree KTH-SJTU.

We are now exploring the opportunities to expand the cooperation to also applying to the doctoral level with the aim of a common degree. An interesting development is that SJTU has opened up for the opportunity of earmarking a number of doctoral studentships for our collaboration within their most prestigious effort, Zhiuyan College.

In order to be admitted, you have to be among the top 10 percent of students in Kina. So far, KTH and SJTU have had over 300 co-publications and our work with "seed founding" (<https://intra.kth.se/en/forskning/pagaende-forskningsi/plattformar/calls-and-funding/all-platforms/1st/sjtu-kth-collaborative-research-and-development-seed-grants-in-2019-1.858248>) to further find-ing new collaborations within both the large universities is also beginning to show results.

The stay also included a visit to an incubator lab for self-driving vehicles, with everything from industrial robots, boats and agricultural machinery, to company cars. The city of Shanghai has opened up for the opportunity for different companies of testing their algorithms in a standardised test environment.

This year, CBH will be hosting our joint summer school, which is a KTH-SJTU course. The topic is interdisciplinary biomedical research and we will have room for up to 20 students, around 15 doctoral students and 5 masters'.



It will be a week in June (10-14) filled with interesting lectures and laboratories given by faculty from both universities and 20 students from SJTU will also be joining.

You can receive more information about the course and how to apply from our international coordinator Zofia Laine.

Mikael Lindström
Head of School



Do you have news tips?

Send it to CBH News!

All news tips for CBH News should be sent to

cbh-nytt@cbh.kth.se

All contributions must be in by 12.00 on Monday the same week as CBH News is published in order to be admitted. See the current deadline at the last page.



Welcome to CBH's summer party!

When: May 28, 2019

Where: Alfvénsalen (F1), Lindstedtsvägen 22

Program:

16.00-17.30 Presentations by doctoral students from all departments at CBH.

17.30-18.00 Welcome drink in the courtyard outside of F1

18.00- 22.00 Light buffet and mingle in marquee

[Register here!](#)



Well-visited first Open house in Flemingsberg

What is decisive when students choose university and education? For many, it's being able to talk to students and staff on site at the university. Therefore, for the first time ever, Open house was arranged in Flemingsberg.

On Monday evening of March 25, Open house was arranged at KTH Flemingsberg, which was the first time ever since all education programmes moved into the new building on Hälsovägen. In advance, it was impossible to say if there would be eight or 80 visitors, but soon it proved to become a good level of visitors.



Around 60 visitors came to listen to a lecture, meet students and staff and receive a tour of the building. There were no entire classes present, instead, there were individually interested high school pupils and people with a direct interest in our educations.

First, the visitors received a lecture from our director of first and second cycle education Mats Nilsson, about KTH as a whole and the educations in Flemingsberg. Then, they got to meet all first and second cycle educations with staff and students, where the visitors had the opportunity of asking more detailed questions about e.g. course content, admission and future opportunities.

Nine students from all first and second cycle educations in Flemingsberg, worked as guides. Among other things, they took the visitors on a tour of the building. On floor 6, teachers Mattias Mårtensson and Ibrahim Orhan held well-visited workshops in Medical Engineering, and Computer Engineering respectively.

The two-hour evening ended in the student union location Rudan, where visitors in addition to soft drinks, got the chance of mingling with students under relaxed circumstances. Hopefully, many of them thought it was so pleasant they will apply to KTH in the autumn. The application for the autumn semester closes on April 15.

Text: Kenneth Carlsson

Participating programmes:

- Computer Engineering 180 hp
- Electrical Engineering 180 hp
- Medical Engineering 300 hp
- Medical Engineering 180 hp
- Engineering and Economics 180 hp
- Engineering foundation year/
semester 60/30 fup

KTH research can generate billion rain over Swedish biotech industry

Swedish corporation Affibody, a company with its roots at KTH, has recently signed an agreement with the American pharmaceutical company Alexion.

– ABY-039 can become a fantastic drug for treating a number of autoimmune diseases, says Torbjörn Gräslund, professor in Medical Protein Technology at KTH.

[Read the article on kth.se](#)

New WCs for safer homes



Linda Rose Associate Professor at the Department of Biomedical Engineering and Health Systems at KTH, has been granted SEK 3.6 million by insurance company AFA Försäkring.

The aim is to investigate how technical aids such as rotatable toilet seats can contribute to a better working environment and safer homes.

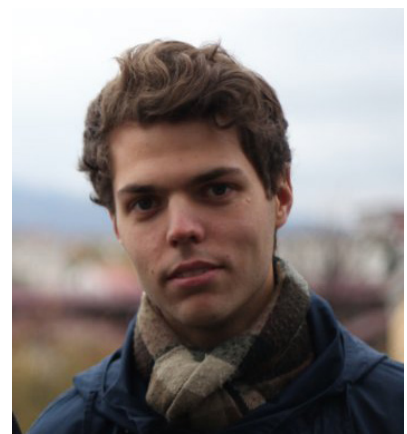
[Read more on kth.se](#)

CBH doctoral student receives postdoc scholarship to MIT

David Marlevi, doctoral student at CBH's division Medical Imaging, has received a scholarship from the Wallenberg fund for a postdoc stay at Massachusetts Institute of Technology, MIT.

David Marlevi has received funding for research within medical imaging of heart and vessels, with a focus on plaque formation and plaque stenting.

The work will be conducted at [Elazer Edelman's group at MIT](#), starting this autumn.



External environmental audit April 8-9

Between 8-9 April the annual [external environmental audit](#) will be conducted at all schools, GVS and KTH. The purpose of the external audit is to assess the extent to which KTH is observing policies, practices and goals to minimize harm to the environment. The audit will also assess the integration of the environmental management into operations at KTH and work to achieve KTH's sustainability goals is progressing.

Staff training in LGBTQ at work

When: 2019-04-10, 10:00-11:30

Where: Room Q26

[Register here!](#)



On Wednesday April 10, Equality Office together with the union ST and RFSL will be arranging a training session about LGBTQ.

The session is held in Swedish and is suitable both for you as a LGBTQ person or for you who wants to learn more and gain an understanding of what it's about. Topics that will be brought up are:

- review of sexuality and sex
- important concepts
- hetero and cis norm
- discrimination and positive action
- the responsibility of the union

Both students and staff are warmly welcome to learn more about this!

The next issue of CBH News will come out in week 16. The deadline for making contributions is on April 15 at 12.00.