

Previewtext/preheader

[Visa webbversion](#)

During October, the School management and prefekt-group team reviewed the management structure at Department-level and concluded that a revision is needed. The ambition is to implement a more transparent structure, with a clearer description of duties and responsibilities for those in management positions. Moreover, there is a need for a management and economic system which promotes a more sustainable and predictable work environment, e.g. regarding co-funding of external grants or infrastructure costs. The aim is to implement a uniform approach across all four Departments.

We will start by defining the composition and scope of the Department management team, as well as the underlying principles for forming research Divisions. Here, we will focus on critical mass, personnel management, work conditions and environment, and the research and teaching environment. The proposal will be described in a forthcoming document so that it can be discussed at Skolkollegium and APT meetings. A formal decision will be made by the end of the year and implemented during Spring Term 2023. In line with centrally-planned activities for 2023, we will also start working on a new internal funding model, with implementation expected during 2024.

I am looking forward to productive and constructive internal discussions. It is important that we all contribute to realizing a reliable, efficient, and sustainable School.

***Sandra Di Rocco***

*Professor*

*Dean of the Faculty of Engineering Sciences*



## **Interview with Carlota Canalias Gomez**

Carlota Canalias Gomez was recently appointed as the department head of Applied Physics. We interviewed Carlota and discussed this new role, career plans, and more.

[Read the interview](#)



## **Installation of KTH's new president**

A ceremonial installation of Anders Söderholm as KTH's president will take place at KTHB on the 2nd of December at 3 p.m.

[Read more](#)



Photo: unsplash.com

## Sing up for KTH-res workshops

The new travel expense system (KTH-res), has created a great deal of dissatisfaction at KTH.

Therefore, there will be some short information sessions about the new system. The information will be hands-on: how to create an expense report, make an overseas allowance, and which documents must be submitted for review in order for the travel expense to be paid out.

All information sessions are held on **November 8th at different times**. The information session will be held in both Swedish and English.

Sign up for an information session by clicking on the form whose time fits

### AlbaNova – sal FA32 KTH | FA32

9.00-10.00 (English) [here](#)

10.00-11.00 (English) [here](#)

11.00-12.00 (Swedish) [here](#)

### Teknikringen 1 – sal Gradängsalen KTH | Gradängsalen

13.00-14.00 (Swedish) [here](#)

14.00-15.00 (English) [here](#)

15.00-16.00 (English) [here](#)

The number of places is limited to 50 per session at AlbaNova and 75 per session at Teknikringen 1.

[Information, FAQ and manuals for KTH-res](#)





Photo: [unsplash.com](#)

## You are invited to an Origami Workshop for PhD Students!

On Tuesday, the 16th of November, from 17h on we will get together in an origami workshop session held by our PhD fellow Daniela Klein at "T-Centralen".

The session is mainly for beginners but more advanced folders are also welcome! If you are interested in trying out do not hesitate to come! As it is a workshop, please be on time so the process is not interrupted. Moreover, it is a great way to socialize! So don't miss this opportunity to meet other Ph.D. students and have fun!

Please do not forget to register [here!](#)

**When:** Wednesday, 16th of November

**Time:** From 17:00h

**Place:** Drottning Kristinas väg 29

[Beskrivande länktext](#)



## KTH Energy Dialogue 2022 – Cooperation & Internationalization

KTH Energy Dialogue 2022 highlights the width of research fields at KTH within energy with a selection of topics vital for the transformation toward sustainability. A keynote will be given on the world's largest fusion experiment. Invited guest speakers will discuss the importance of international collaboration, cooperation between business, politics and academia and the use of business models for sustainable growth.

**Date/time:** 17 November at 11.30 - 16.00

**Location:** KTH Campus, Nymble, Drottning Kristinas väg 15

[Program and Registration](#)



## KTH Life Science Day 2022

Model-driven data analysis and Data-driven models

KTH Life Science Platform organises an annual event where we bring together KTH researchers working in the broad area of life sciences. This year, we have invited colleagues using both bottom-up computational models of biological systems and high-level data-driven models. The goal is to highlight that computational/mathematical modelling is crucial for causal inference in biological systems and that models should form a part of the data analysis pipelines for biology.

**Date/time:** 28 November at 13.00 - 18.00

**Location:** KTH Campus, Digital Futures, Osquars Backe 5, floor 2

[Program and Registration](#)

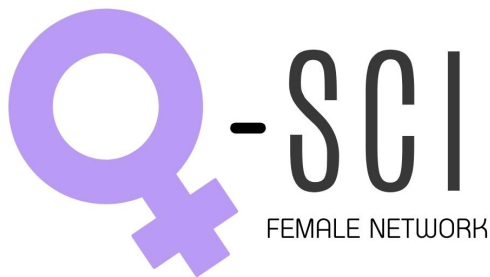


## Mentor program for KTH researchers

KTH Innovation has a network of almost 100 experienced professionals who want to help ideas and research from KTH to reach a market and create an impact for more people. Do you want a mentor this spring?

**Apply before 17 November!**

[Apply here](#)



## Female faculty network Q-SCI

In the Q-SCI network, we just had our first autumn meeting with Åsa-Karin Engstrand discussing the report "Gender-based violence and sexual harassment in the Swedish higher education sector", download [here](#).

Our next meeting will be on **Nov 29** together with Pia Sandvik, CEO at RISE and chair of the KTH University Board. Do keep an eye out for the invitation!

Please also make sure to recommend new colleagues to sign up for our emails! Easiest is to write to [q-koordinator@sci.kth.se](mailto:q-koordinator@sci.kth.se). Suggestions for topics of seminars, workshops, and other activities are always welcome!

[Q-SCI website](#)

## SCI PhD Student Council

Dear Ph.D. students of SCI,

Thank you to all of you that signed up for the upcoming bouldering event (**Nov 4 at 17:30 at Gasverket**)! Did you forget about signing up, or missed the invitation email? Test your luck with snatching one of the last available spots by filling out [this form](#). If the list is full, you can put yourself on the [reserve list](#). Mattias Åstrand will contact you if a spot frees up!

Make sure to visit the council's [intranet page](#) and get information on how to join council meetings, read summaries to our discussions, and find answers to frequently asked questions. These might help with issues you are facing or prevent you from facing issues in the future. Student experience should not be locked away and forgotten but shared for better everyday studying and working experience at KTH!

More questions? Contact us via [sci-council@dr.kth.se](mailto:sci-council@dr.kth.se), or even better, come to talk to us at the next council meeting on October 31st (more information will soon be posted on the [council calendar](#)).

[SCI PhD Student Council](#)



## We Congratulate

**Mikael Nygårds** (Billerud AB), who has been reappointed as affiliated faculty in solid mechanics until December 31st, 2025.

**Katharina Jochemko**, who has been appointed as Docent in Mathematics, October 2022.

## Recent Licentiate Degrees

**Shail Sha** (Vehicle and Maritime Engineering) Experimental Investigation of the Acoustic Properties of Perforate using Acoustic Three-Ports.

## Recent Doctoral Graduates

**Vitor Gabriel Kleine** (Engineering Mechanics) On stability of vortices and vorticity generated by actuator lines.

**Roberto Tosca** (Engineering Mechanics) Numerical Investigation of Radial Turbines subject to Pulsating Flow.

**Vlasta Valan** (Physics) Lessons learned from time-resolved X-ray spectra of gamma-ray bursts.



**Eric Ahlqvist** (Mathematics) Stacky Modifications and Operations in the Étale Cohomology of Number Fields.

**Niloofer Esmaildoost** (Applied Physics) Optical and x-ray studies of ice growth in water.

**Axel Strömberg** (Applied Physics) Leveraging HVPE for III-V/Si Integration and Mid-Infrared Photonic Device Fabrication.

**Fredrik Grönberg** (Physics) Spectral Photon-Counting Computed Tomography with Silicon Detectors: New Models and Applications.

**Philippe Moreillon** (Mathematics) Free convolutions and the Pearcey process in random matrix theory.

**Qigui Yang** (Physics) Modelling of radiation damage and positron annihilation in metallic materials.

[Follow us in Facebook](#)



School of Engineering Sciences (SCI)

[www.kth.se](http://www.kth.se)

[info@kth.se](mailto:info@kth.se)