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[Visa webbversion](#)

As we embark on a new term, I want to welcome everyone back to work and share some news about on-going activities with you.

Our work-plan (verksamhetsplan) for 2023 has just been published and can be accessed [here](#). The aim of this document is to define goals and priorities for the year. I encourage you to take a look and see how you can contribute.

We are in the midst of renewing the Department management structures, following the School decision published last year [here](#). The aim is to improve efficiency and create a better work environment. Although change can be difficult, I believe that this new structure will ultimately benefit us all.

Our new President, Anders Söderholm, has made some changes to the high-level management structure at KTH, as outlined in an interview published [here](#).

Let's make 2023 a great year together! Thanks in advance for your hard work and

dedication.

Sandra Di Rocco

Professor

Dean of the Faculty of Engineering Sciences

Interview with Oscar Tjernberg and Jens Fransson

Since January 2023, we have had a new Director of Third Cycle Education, Oscar Tjernberg, and new Deputy Director of Third Cycle Education, Jens Fransson. Oscar and Jens talked to us about their new roles and their first goals within them.

[Read more](#)



Oscar Tjernberg

Department of Applied Physics



Jens Fransson

Department of Engineering Mechanics



Photo: Erik Thor

Flow research for an energy-efficient future

Shervin Bagheri is conducting research into how flowing fluids and gases interact with surfaces and materials. He now has funding from ERC Consolidator Grants 2023 to study what are known as self-lubricating surfaces. The aim is to increase energy efficiency in a range of areas.

[Read more](#)



LUNDS UNIVERSITET

Physics and Gender Course

Stockholm and Lund Universities are organizing an academic course in "Physics and Gender" jointly, but administered by Lund. You can find information about it in the link below. To apply, use information under "Application" on this page or use the attached instructions, if you don't understand Swedish. Unfortunately you need to apply via the Swedish admission system, but most of the process can be done in English and the rest is described in the instructions.

[Read more & apply](#)

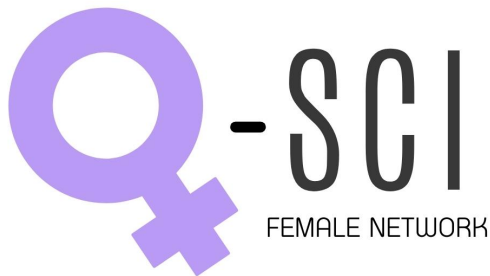
SCI PhD Student Council

The new SCI PhD student council, which was elected in Dec 2022, began this year with the first Board meeting and council meeting. You can find more information about the new council members on our [website](#). The council discussed reflected on what was done in the previous year, what could be improved and thus paving the way for our future efforts to represent the PhD students and their voices to the people responsible. Several discussions including equality, communication, and standardizing certain practices across departments were conducted. To better understand the issues and requirements, the council discussed strategies to improve the interaction with students and thus, planning to conduct several events (social, sports, and educational) to build a better network among the PhD students. So, keep an eye out on our [webpage](#) and your inbox!

Wishing you a great year ahead and hope to see you all at our events!

On behalf of the 2023 board, Mattias Åstrand (Chair), Charlie Börjeson & Vlada Gaisina (Vice-Chairs), Jana Vasiljevic (Event Manager) and Sai Kausik Abburu (Webmaster).

[SCI PhD Student Council](#)



Female faculty network Q-SCI

The Q-SCI network is now restarting our mentorship program for women at KTH with the aim to connect PhD-students and early-stage researchers with more senior researchers. Please help us to spread the word and recommend new colleagues to sign up for our emails! Previous times the interest has been large and we would therefore be very glad to also welcome new potential mentors. Easiest is to write to q-koordinator@sci.kth.se. Suggestions for topics of seminars, workshops and other activities are also welcome!

[Q-SCI webpage](#)

We Congratulate

Wei Ouyang (Applied Physics Department) has been appointed as assistant professor in data-driven cell and molecular biology, January 2023.

Stefan Ivanell (Uppsala University) has been appointed as a guest professor in fluid mechanics with a specialisation in wind energy (Engineering Mechanics Department), January 2023 - December 2025.

Pål Efsing (Vattenfall Ringhals AB) has been appointed as affiliated faculty in material mechanics for nuclear power safety (Engineering Mechanics Department), February 2023 - August 2025.

Recent Doctoral Graduates

Jeroen Hekking (Mathematics) Blow-ups and normal bundles in derived algebraic geometry and beyond.

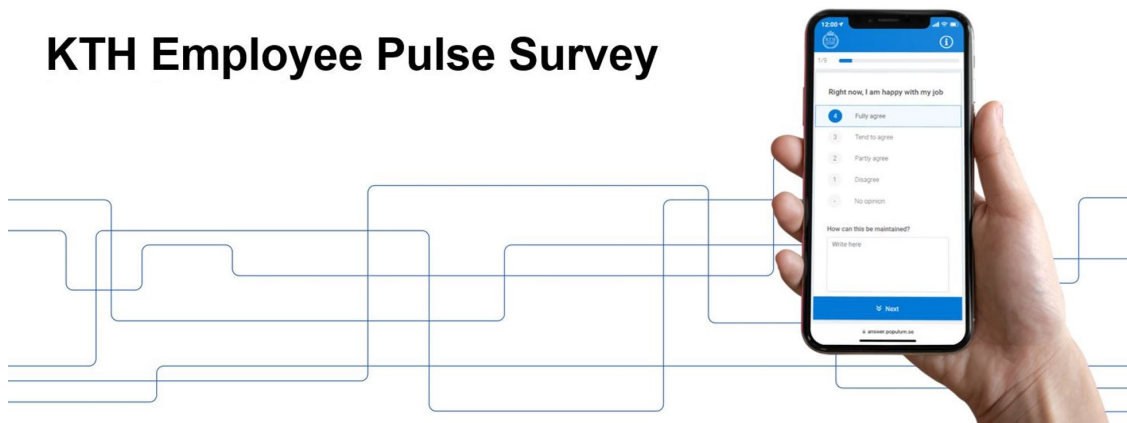
Scott Mason (Mathematics) Roughening in dimer models: Random matrix statistics and surface fluctuations.

Steven Edwards (Applied Physics) Advancing tissue clearing and expansion methods for high-resolution volumetric imaging of biological samples.

Milton Persson (Physics) Spin Vortices, Interlayer Exchange and Magnetocalorics in Multilayers.

KTH NEWS

KTH Employee Pulse Survey



KTH Employee Survey

On Tuesday, February 7, the first KTH Employee Pulse Survey will be sent out to everyone who has been employed for at least three months. It will consist of shorter surveys (fewer than 30 questions/statements) which will be sent out quarterly. An anonymous link to the survey will be emailed from our partner Populum from the address noreply@populum.io.

[Read more](#)



One year of impact and innovation

Do you have an exciting research result you have started developing towards the market? Feel ready to spend more time on your project? Want to join a supportive community and get someone who can point you in the right direction? Then the KTH Innovation pre-incubator program might be for you!

Apply to the program by **12 February**.

[Read more & apply here](#)



14 Februari: Innovation mingle & networking evening

Welcome to KTH Innovation Collide, an evening for everyone interested in innovation & impact. Meet spinoffs from KTH, people from industry and the business community, and mingle with KTH Innovation. Mocktails and snacks! 250+ people have

already signed up!
Come to KTH Innovation Collide

[Read more](#)



Photo: unsplash.com

Apply for funding from Erasmus+

As a researcher, you can apply for additional funding from the Erasmus+ Partnership for cooperation. The aim is to promote transnational networking and the development of qualitative, innovative methods and activities in the field of education.

The deadline is March 23.

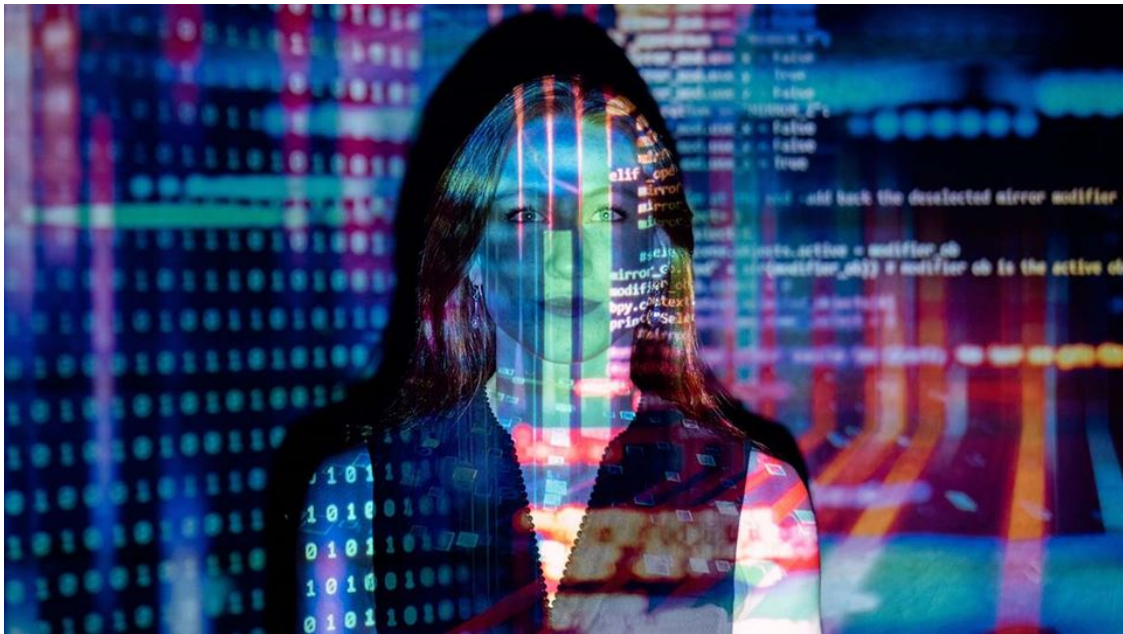
[Read more](#)

The 2nd International Gender for Excellence in Research Conference

The GenderEx Horizon 2020 project "GenderEX" is organising a conference for young researchers on "Gender for Excellence in Research" on the 10-11 of June in Istanbul. More information can be found below

[Read more](#)





Get publicity for your research

Get featured on a list of the most promising research projects for impact. IVA's 100-list is open for application! Want to increase your chance of getting featured on the list? KTH Innovation can help you with your application.

[Read more](#)

School of Engineering Sciences (SCI)

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