



Verksamhetsplan 2022

Skolan för teknikvetenskap (SCI)



Despite the challenging start, we have an exciting year ahead of us! I would like to draw your attention to the School's action plan (verksamhetsplan) for 2022 that was just finalised. It is available [here](#). I hope that you will read it, and learn about initiatives both at the central and School levels. Here I highlight two initiatives, which may be of particular interest for many of you. The first is a call for 4 Ph.D. student positions, "Exzellenstjänster", which will be announced in February. The positions are fully financed by the School and open to exceptional candidates in Physics, Mathematics and Mechanical Engineering. I encourage all those interested in advising such a doctoral student to read the article in this Newsletter. The other initiative concerns female guest professorships. Maybe you have a colleague who would be interested in applying for such a position?

Sandra Di Rocco

Professor

Dean of the Faculty of Engineering Sciences



Footage and text translated from: <https://www.tv4.se/>

TV4 interviewing staff at the KTH Nuclear Fuel Lab

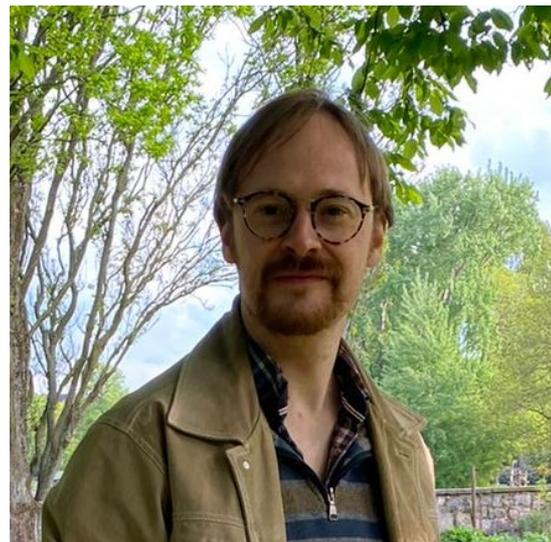
The government is expected to announce the final repository of nuclear waste from our Swedish nuclear power plants. At the same time, research is being done on a new type of small reactor that can use today's nuclear waste as fuel and shorten the time that the waste needs to be stored for 99,000 years. This is the so-called uranium nitride, a future nuclear fuel that is being developed at KTH. Pär Olsson, Elina Charatsidou and Sobhan Patnaik participated in the interview.

[Watch the video](#)



Interview with Elias Jarlebring

Elias Jarlebring talks about his promotion to professor of Numerical Analysis and shares his academic experience in research, leadership and supervision.



Interviewing Klaus Kröncke

We interviewed Klaus Kröncke, a recently promoted associate professor in mathematics. We asked Klaus regarding the new position at KTH, his career background and more.

[Read more](#)

Interview of Ozan Öktem

Ozan Öktem was recently appointed as associate professor. The editors of the newsletter took the chance to interview him about his new position.

[Read more](#)[Read more](#)

Interview with Mats Wallin

Mats Wallin is one of the professors comprising a group that is working on four new Ph.D. position announcements. We talked with Mats about it.

[Read more](#)

The Borelius Medal

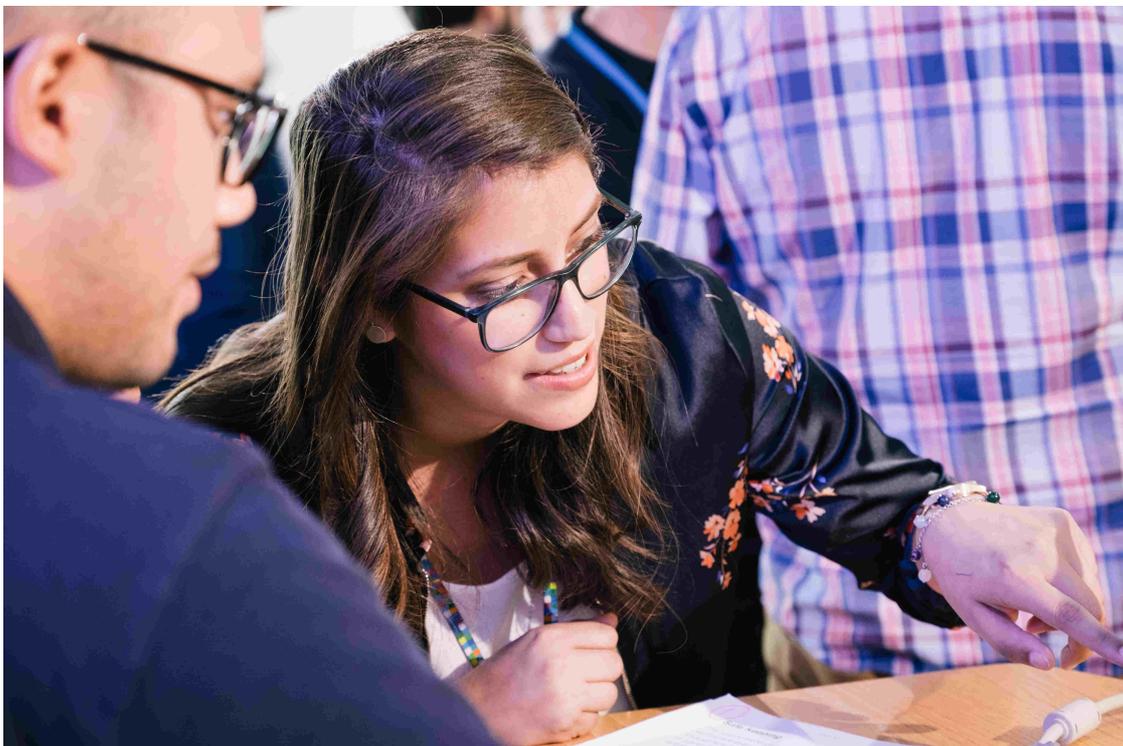
We talked with Gunnar Benediktsson about the Borelius Medal ceremony that took place in the fall and who were this year's recipients in the ceremony. We also got to learn how the Medal got established.

[Read more](#)

Honorary doctors at KTH

The purpose of the appointment of honorary doctors is to honour individuals who have done outstanding work while at the same time providing KTH with positive attention.

[Read more](#)



One year of impact and innovation

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

Apply to the program

[Here](#)



Nordita Gender, Diversity & Inclusion Symposium

indico.fysik.su.se/event/7636

Organising committee: Maria Hermanns, István Máté Szécsényi, Beatriz Villarroel, Niels Obers.

Time: 9:30-12:45 CET (Stockholm Time)

Date: February 10th, 2022

Place: Zoom

Zoom details: [Link](#)

ID: 635 5167 0641

Passcode: 003210

Schedule

09:30-10:30 – Pernilla Wittung-Stafshede (*Female Faculty: Why so few and why care?*)

10:30-11:30 – Tinu Cornish (*The Double Bind of Gender Bias*)

11:30-11:45 – Coffee break

11:45-12:45 – Panel discussion

Nordita Gender, Diversity & Inclusion Symposium

Project Implicit is a non-profit organisation and international collaboration between researchers who are interested in implicit bias. Each IAT involves a series of tasks. In each task, the participant is asked to use the assigned keys to categorise words or pictures rapidly. The test should take you no more than 10 minutes to complete. During the presentation, you will be invited to share your results. You will of course be under no obligation to do so. The focus of the workshop will be on the impact of unconscious bias and not on the debate about the implicit association test. The test was developed by Project implicit.

[Take the test](#) [Add to calendar](#) [Zoom link](#)



Space launch for aerospace engineering alumni

Matija Milenovic and Victor Gonzales started the space tech company porkchop as KTH students. Today, their nanosatellite propulsion system gets a ride into space on SpaceX Falcon 9.

[Read more](#)



Publicity for your research

Increase the publicity around your research, your credibility as a researcher, and your contacts with the business community. VA's 100 list 2022 calls for research in technical and economic sciences on the theme of technology in the service of humanity. The application is open until 28 February.

[Read more on KTH Innovation's website](#)

SCI PhD Student Council

Happy new year everyone!

A new council has recently been established and is picking up the pace to ensure that fellow doctoral students are best represented throughout the school.

Do you have questions about your programme or work environment?

We have lots of answers on our [FAQ page](#), and you are always welcome to contact us at sci-council@dr.kth.se

Your opinion counts - let us know about your view on the school, programme, activities that you would like for us to organize, etc. We are all ears!

[Contact us](#)



[Website](#)

We Welcome

Liviana Palmisano, appointed as an associate professor in mathematics with a specialization in mathematical analysis, January 2022

Klaus Kröncke, appointed as an associate professor in mathematics with a specialization in mathematical analysis, January 2022

Ozan Öktem, appointed as an associate professor in mathematics with a specialization in numerical analysis, January 2022

We Congratulate

Evelyn Otero Sola, promoted to associate professor in aeronautical engineering, February 2022

Recent Doctoral Graduates

Eric Gomez (Vehicle and Maritime Engineering) Centrifugal pendulum vibration absorbers in heavy-duty truck powertrains

[FOLLOW US ON SOCIAL MEDIA](#)



School of Engineering Sciences (SCI)

www.kth.se

info@kth.se