



## SCI News

March is now upon us, and so I welcome you all back to on-site working. I hope that you all, as I, appreciate being able to return to in-person interactions with colleagues and students. I am convinced that the spontaneous exchange of ideas with colleagues in the corridor will greatly reinvigorate and enrich our work at the School.

The unacceptable Russian invasion of Ukraine weighs heavily on our minds, and our thoughts are with the Ukrainian people as they fight for the democratic values which we take for granted. Democracy is a central pillar of academic freedom in an open society. We think particularly of our academic colleagues in Ukraine who are now in harm's way and prevented from teaching and conducting research. We also think of our Russian colleagues who are bravely protesting against the war.

We should remember that our colleagues and students may have been personally affected. [Occupational healthcare](#) can provide professional support to KTH employees. You can also contact the [School's HR-responsible](#). Students can contact [Stockholm Student Health Services](#).

I would like to take this opportunity to thank Danai Deligeorgaki and Elina Charatsidou, the student editors of this newsletter, for their wonderful work during the past year. A special mention goes to Danai as she will be leaving her role soon. We are therefore looking for a new editor, please see the add below.

***Sandra Di Rocco***

*Professor*

*Dean of the Faculty of Engineering Sciences*



### Interview with Evelyn Otero Sola

Evelyn Otero Sola was recently appointed associate professor in aeronautical engineering

[Read more](#)



### Pedagogical Program at KTH

Martin Viklund talks about the strategic educational development program at KTH

[Read more](#)



### SCI School Party 2022

Finally, we plan to resume the annual SCI School Party! More information will follow, but for now please save the date: **Wednesday 1st June 2022**. If you would like to join the party organizing committee, please contact [schoolparty@sci.kth.se](mailto:schoolparty@sci.kth.se). Please also get in touch if you would like to **join the School band**, which we are hoping to form for this special event.





KTH and Chalmers team at the national selections. From left to right (standing students): Francesco, Xin, Pontus, Maxime, Daniele.

## Interview of the KTH Physics Tourmanent Team

Luka and his teammates, under the supervision of the professor Marcin Swillo, are forming a team in order to participate in the International Physics Tournament.

[Read more](#)

## Interview with Michael Liverts

Michael Liverts is a recipient of the ERC grant. He was interviewed and talked to us about the grant, future plans, and his career.

[Read more](#)

## Newsletter editors

We are looking for the new member of the SCI Newsletter team!

As an exciting year as an editor of the Newsletter has come to an end for me, I would like to share my experience and encourage everyone that is interested in the position to get in touch with us.

Danai Deligeorgaki,  
PhD student in the Department of Mathematics

[Read more](#)

## The Swedish Energy Agency supports investment in smart solar parks and lead-cooled reactors

KTH won a large grant from Energimyndigheten (The Energy Agency) for the project Solstice, which is a parallel continuation of SUNRISE. KTH gets about 40 MSEK in this. In the Solstice project, an electrically heated pilot plant, a small modular reactor cooled with lead, will be tested and demonstrated in Oskarshamn.

[SUNRISE Project](#)

[Read article](#)

## SEK 99 million to small lead-cooled nuclear reactors

Researchers and industry in Sweden are working closely together to realize fourth-generation lead-cooled nuclear power plants. Testing and preparatory work are in progress at KTH ahead of production of the reactors of the future.

*"We are delighted with the Swedish Energy Agency decision to award research and development grants of SEK 99 million for the next step – construction of an electric-powered test plant in Oskarshamn,"* says KTH Professor Pär Olsson, coordinator of the Sunrise Research Centre.

[Read article](#)



## 500 KSEK Innovation Award open for nomination

The nomination period for the KTH Innovation Award is now open! We are looking for someone with a connection to KTH who has contributed to a better society with their innovations. Who do you want to recognize? Nominate them using the link below.

[here](#)

## SCI PhD Student Council

Dear students at the SCI school,

Do you have questions concerning your programme or studying environment? We welcome you to visit our [website](#) - you can always contact us by email [here](#) should you not find what you are looking for!

The planning of events for the year 2022 is en route and the council would like to know your thoughts about what activities have been missing in previous years, and which ones you would be looking forward to experience again!

It is our goal to represent your voice. Help us achieve this by sharing your opinion!

[Homepage](#)



## We Welcome

**Laura Marimon Giovannetti** (SSPA) has been appointed as Affiliated Faculty in naval architecture at the Department of Engineering Mechanics, March 2022 - February 2025

## Recent Doctoral Graduates

**Kristina Durovic** (Engineering Mechanics)

Direct numerical simulation of boundary layer transition with freestream turbulence

**Korbinian Muhlberger** (Physics, Optics and photonics)

Temperature measurements on silicon core optical fibers during CO2 laser processing



## School of Engineering Sciences (SCI)

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

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