SCI NEWS

June 2021

SCI NEWS

June 2021

Interview with Jens Bardarson

We talked with Jens Bardarson, Department of Physics, who has recently been promoted to professor of theoretical physics.

MORE

Project on Patterns in Random Tilings

Maurice Duits was awarded a five-year grant for the project Patterns in Random Tilings with a total budget of 10 MSEK. We met Maurice to talk about the project and his future plans.

MORE

Participate in a stress management programme

Are you ready to invest in a personal change to prevent stress? Together with the trade unions, KTH offers a pilot project to improve well-being. Behind the program are leading Swedish and international stress researchers from Karolinska Institutet and the Stress Research Institute.

MORE

SCI NEWS

June 2021

Gunnar Tibert talks about the teaching situation in the fall

Gunnar Tibert, Deputy Head of School and Director of First and Second Cycle Education at the SCI, discusses the current plan for the autumn term.

MORE

KTH improves its position in the QS Top 100

For the third consecutive year, KTH has been named a top 100 university in the QS World University Rankings. In its announcement, QS ranked KTH 89th—nine places higher than the university's ranking in 2020.

MORE

SCI PhD Student Council

The council wishes you a happy summer! We hope to see many of you in person at our events in the autumn. Any ideas or events you would like to see organised? Any work-related issues we should prioritize? Just shoot us an email on sci-council@dr.kth.se!

Cheers, the SCI PhD Student Council

Visit our website here

SCI NEWS

June 2021

We congratulate

Jens Bardarson, Department of Physics, has been promoted to professor of theoretical physics.

Jean-Marie Le Corre (Westinghouse Electrics Sweden AB) has been reappointed as affiliated faculty at the Physics Department.

Oskars Ozolins, Department of Applied Physics, has been appointed as Docent in physics with specialisation in optical communication.

Recent doctoral graduates

Oliver Fleetwood
Applied Physics
New approaches to data-driven analysis and enhanced sampling simulations of G protein-coupled receptors

Dennis Alp
Physics
An X-Ray View of Core-collapse Supernovae

Oliver Gäfvert
Mathematics
Topological and geometrical methods in data analysis

Karl Olofsson
Applied Physics
Acoustic manipulation for cell and spheroid cellomics

Carl Ringqvist
Applied and Computational Mathematics
Topics on Generative Models in Machine Learning

Xiaoyu Liu
Physics
Experimental Studies of the Neutron Deficient Atomic Nuclei 88Ru and 87Tc, and the Diagonalization of the General Pairing Hamiltonian

SCI NEWS

June 2021

Recent doctoral graduates

Samuel Fromm
Mathematics
The defocusing nonlinear Schrödinger equation with step-like oscillatory data

Özge Aktas
Physics
Gamma-ray Spectroscopy of Neutron-rich 111Mo, 85,87Ge and Self Conjugate 88Ru Far From Stability

Miguel Beneitez Galan
Engineering Mechanics
Nonlinear dynamics in transitional wall-bounded flows

Hossein Shariati
Solid Mechanics
Mechanical modelling of granite subjected to indentation loading

Sahar Akbarpour
Aerospace Engineering
Enhanced composite joint performance through interlacement of metal inserts

Marco Atzori
Engineering Mechanics
Coherent structures and control in wall-bounded turbulent flows

Luca De Vincentiis
Engineering Mechanics
Numerical studies of receptivity, stability and transition of wing and turbine blade boundary layers

Recent licentiate exam

Hanna Hultin
Applied and Computational Mathematics
Generative models of limit order books