MANAGEMENT NEWS

New strategic plan
Lund University has adopted a new strategic plan for 2017–2026.
More information

APPLY FOR GRANTS AND SCHOLARSHIPS

Apply for funding for teaching staff mobility and continuing professional development
Lund University employees can apply for funding from the EU programme Erasmus+ for teaching staff mobility or continuing professional development at one of LU’s partner universities in Europe. The application deadline is 28 February.
Read more and apply

Apply for the faculty’s travel and research grants
Now you can apply for the faculty’s travel and research grants. The application deadline is 13 February.
Read more and apply

Apply for a scholarship for mobility to South Africa
Doctoral students and postdocs can apply for scholarships within Erasmus Mundus Action 2 for mobility to South Africa. The application deadline is 31 March.
Read more and apply

WHAT’S ON

MentLife seminar, 14 February
MentLife and others are organising a seminar entitled “An overview of Life Science in the Medicon Valley area”. Time and place: 14 February from 16:00 to 18:00 at the Inspira restaurant, Medicon Village, Scheelevägen 2. Registration deadline 7 February.
Read more and register

Conference: PhD career paths outside academia, 27–28 February
Lund University is a co-organiser of the conference “PhD career paths outside academia – employability and entrepreneurship for young researchers”. Admission to the conference is free of charge and participants from LU have the opportunity to apply for a travel grant. Time and place: 27–28 February at Aalborg University in Denmark. The application deadline is 13 February.
Read more and register
Lund University’s Africa Day, 1 March
Lund University is organising its annual Africa Day for employees and students. Time and place: 1 March from 13:00 to 16:30 in the Palaestra. Registration deadline 17 February.
Read more and register

Workshop: ERC Advanced Grants, 6 April
LU’s Research Services invite you to a workshop with an opportunity for an individual consultation in view of the 2017 round of applications for ERC Advanced Grants. Time and place: 6 April from 08:30 to 12:00 in the Lundmark room, Astronomihuset, Sölvegatan 27. Registration deadline 15 March.
Read more and register

THIS MONTH’S DOCTORAL THESES
This month’s doctoral theses in Science
In January, three doctoral theses will be defended at the Faculty of Science. Aboma Joseph Fekadu Merdasa has used a new method combining high resolution optical microscopy and spectroscopy to investigate material which can be used for solar cells and to identify how energy moves in the material. By investigating the chemical processes in cobalt oxide film at the atomic level, Mohammad Alif Arman has increased our understanding of the chemical processes in catalysts based on cobalt oxide. Christian Bierlich studied and developed models of what happens when protons with many quarks and gluons collide, and how the models can be implemented in computer simulations.
Search for doctoral theses in the research portal
See upcoming public defences of theses

STAFF IN THE SWEDISH MEDIA
How the skin is affected by solvents
Emma Sparr, professor at the Department of Chemistry, was interviewed in many media outlets on the subject of her development of a method which makes it possible to see how individual molecules in skin creams, pharmaceutical ointments and cleaning products affect and interact with the skin’s own molecules. “Increased understanding for molecular mechanisms means that we can more efficiently affect and regulate the properties of the skin”, she says.

A new window on the history of the solar system
Birger Schmitz, professor at the Department of Physics, was interviewed in several media outlets on researchers’ recent discovery of minerals from 43 meteorites which fell to Earth 470 million years ago. More than half the mineral grains originate from meteorites which are completely unknown or very rare in the current flow of meteorites. The find means that the prevailing picture of the history and development of the solar system must be revised.

New research on the mechanism which triggers pain
Urban Johanson, professor at the Department of Chemistry, was interviewed in several media outlets on the subject of new research on the underlying mechanism for how and why animals can feel pain in connection with cold or high heat. According to the study, the temperature is merely one triggering factor; horseradish, mustard, cinnamon
and wasabi have a similar effect. Johanson says that the research could lead to new drugs against pain and itching, for example.

How ants navigate
Marie Dacke, senior lecturer at the Department of Biology, was interviewed about a new study showing that ants can navigate using the sky and landmarks, both forwards and backwards. “We have never seen that insects could do anything like this. These tiny creatures continue to impress. Remember that their brains are smaller than a pinhead”, she says.

Professor interviewed about Trump’s climate policy
Markku Rummukainen, professor of climatology, was interviewed in the newspaper Dagens ETC about concern for how US climate policy could change with Donald Trump as president. Rummukainen remarked that it is difficult to determine how much of the announced policy would be implemented and that it is no simple matter to withdraw from the climate agreement.

Geologist talks about dinosaurs
Norra Skåne newspaper reported that Elisabeth Einarsson, doctoral student at the Department of Geology, gave a talk about dinosaurs to children at Hästveda public library.

Chemist held the first lecture on the LU jubilee course
Ulf Ellervik, professor at the Department of Chemistry, was interviewed in the Lundagård student magazine on the subject of the first lecture in the Lund University jubilee course, which he held. The course is open to the public and will continue throughout the year.

Biologist lectures on the cold noses of dogs
Ronald Kröger, professor at the Department of Biology, was mentioned in the newspaper Helsingborgs Dagblad in connection with his lecture in the public library in Båstad, on the subject of the cold noses of dogs.

Astronomer talks about the Milky Way
Giorgi Kokaia, doctoral student at the Department of Astronomy and Theoretical Physics, was mentioned in the newspaper Ystads Allehanda on the occasion of his presentation on the Milky Way for children in Simrishamn public library.

LAST BUT NOT LEAST
Watch videos from TEDxLundUniversity
In the autumn, Lund University organised a TEDx event with several different lectures. These were filmed and are now available on YouTube. Don’t miss the lecture on neutrons that was held by Sindra Petersson Årsköld (from ESS) and professor of chemistry Ulf Ellervik’s lecture on how long we can live.

View lectures

The newsletter is sent to people currently working at the Faculty of Science (employed or organisational role).
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Do you have news you’d like us to include? Send it to the editor by 12 noon on 7 February.

Archive and list of publication dates