



## Greetings from the Director

We've had an exciting spring with lots of different events, for example the workshop Northern Lights on Food and hackathons, as well as other working group activities that have helped to further develop LINXS' research programme. We are now looking forward to welcoming our first post-docs to LINXS, as well as getting our visiting programme properly up and running. Currently visiting us is Prof. Jan K. G. Dhont from Forschungszentrum Jülich GmbH, and in the summer, we will welcome three more visiting researchers.



Coming up in June is the first workshop by the Soil Sciences working group which we are very much looking forward to.

Before the summer break, we will announce **a call for new themes**, so make sure to keep an eye on our web page for more information. If you have any questions about the call you can contact me directly.

See you back here in the autumn for another busy term, including the second symposium of the Integrative Structural Biology theme! Until then, we wish you all a nice summer!

## Interview with Ebba Fischer, Chair of The Crafoord Foundation

LINXS had a recent visit from The Crafoord Foundation where we presented our work since our inception as an Institute. They were very pleased with the development of LINXS, especially since the funding of LINXS was a completely new venture for the foundation.



[Read the full interview with Ebba Fischer](#)

## News from LINXS Themes

The recent few months have been busy for all of the themes. The Dynamics theme and Integrative Structural Biology theme have been focusing on planning for upcoming events in the autumn, whereas the Imaging theme has participated in and organised a number of outreach activities. Here you can read selected news from the three themes.

- [Experts and researchers discuss cases ranging from foam, lung, skin and liver disease at Quantim workshop](#)
- [Reflections on Northern Lights on Food: "It's clear that interest in this area is building, there's a real push to understand food to make it better."](#)
- [First workshop of working group Soil Sciences: X-ray and neutron imaging provide opportunities to 'see' into the black box](#)
- [Integrative Structural Biology Theme organises second symposium - interview with Jens Lagerstedt](#)

## New Working Groups at LINXS

Two new working groups are starting at LINXS. Both of them are under the Integrative Structural Biology theme. More working groups are being planned for the autumn.

- Time-resolved Structural Biology
- AMYLOID: an Integrative Approach

[Read about the working groups under the theme Integrative Structural Biology.](#)

## Expression of Interest for LINXS upcoming try-out workshop in Geoarcheology in Munich, Germany



The first "try-out" workshop is organised in collaboration with Heinz Maier-Leinitz Zentrum of Technische Universität München and its research reactor FRM II. Called "try-out", because attendees can bring their own samples and try using the imaging instruments ANTARES for cold neutrons and NECTAR for thermal and fast fission neutrons, the instrument PGAA for prompt gamma activation analysis, and the support of radiation protection for short-irradiation gamma scans for rough composition determination.

[GeoArchaeology try-out workshop at Technische Universität München](#)

## Upcoming Events at LINXS

These are our **current upcoming events**. Events are open to all researchers from academia and industry.

<a href="#">LINXS Event: Welcome to afternoon coffee and a seminar by Prof. Jan K. G. Dhont from Forschungszentrum Jülich GmbH</a>	<b>23<sup>rd</sup> May</b>
<a href="#">LINXS Partner Event - LINXS @ Nordic AI Powwow, Lund</a>	<b>23<sup>rd</sup> May</b>
<a href="#">LINXS Partner event - X-ray Imaging workshop at Syddansk Universitet (SDU) in Odense, Denmark</a>	<b>4<sup>th</sup> June</b>
<a href="#">LINXS Event: Welcome to afternoon coffee and a seminar by Dr Sylvain Bohic from STROBE and ESR</a>	<b>5<sup>th</sup> June</b>
<a href="#">LINXS Event: Workshop for X-ray and neutron imaging applications in soil sciences</a>	<b>17<sup>th</sup>-18<sup>th</sup> June</b>
<a href="#">LINXS Partner Event - 8th Scandinavian Symposium, Amyloid Diseases and Amyloid Mechanisms (ADAM 8)</a>	<b>28<sup>th</sup>-30<sup>th</sup> August</b>
<a href="#">LINXS Event: 2nd Symposium - Integrative Structural Biology</a>	<b>9<sup>th</sup>-11<sup>th</sup> October</b>

## Other Events, Activities and Opportunities in the Field

- [FUNDING - Vinnova Call: Increasing capacity and skills of PhD students regarding industrially relevant neutron and synchrotron-based analytical methods - 2019](#)
- [LINXS related event - 2nd Joint ESS-MAX IV Science Colloquium, with lecture by Ann Terry, 15th May](#)
- [IVC-21 conference: "Late News abstracts", Deadline 31 May, conference 1-5 July](#)
- [RACIRI Summer School 2019, 4-11 August](#)
- [CINEMAX V PhD Summer school, 26-30 August](#)
- [ISS2019 - Imaging Summer School 2019, 1-6 September](#)
- 3rd Nordic-Baltic School in neutron scattering organised by NNSP and SwedNess in Tartu(Estonia), **9-20 September**. The School is primarily for Ph.D. students early in their studies, but M.Sc. students can be accepted too.A detailed program and registration information will be available soon.

- [youngMIRAI-2019](#), 20 October - 2 November

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The LINXS newsletter is sent out approximately four times a year. It highlights news and events from LINXS, as well as information in the area of neutron and x-ray science.

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