



Greetings from Director Stephen Hall

Welcome to our first newsletter - an arena for us to share news from LINXS and the wider field of neutron and x-ray science. We hope you will find the format useful.

As 2019 really gets going it is good to reflect on the previous year; during 2018, I was honoured to be asked to take LINXS forward after founding director Peter Shurtenberger. LINXS was busy building up its scientific activities and we hosted a number of exciting research events as well as moved into new premises.



This year we will be organising a range of activities, as well as hosting guest researchers linked to our existing working groups. Also on the agenda is a number of scientific networking meetings (including “science and beers”) to encourage cross-disciplinary interactions in the area of neutron and x-ray science.

LINXS is also welcoming proposals for new working groups, which are our framework for organising our scientific activities. Within a working group advanced scientific activities can be organised including focused research activities involving invited guest researchers, hackathons, workshops and symposia.

We are also looking to expand the LINXS community with new partner organisations - please contact us to discuss how your organisation might be more directly involved in the development of LINXS.

[Read the full greeting from the Director](#)

LINXS Working Groups

There are currently many new potential working groups in the pipeline, under all of the three themes. More information and details about their coming activities will be presented in the next newsletter in May.

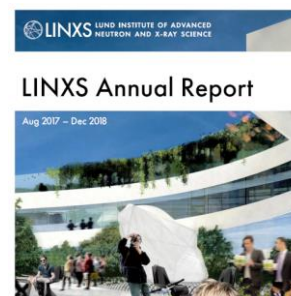
Application of Interest for Working Groups

[Read more about the application process and apply for a new working group at LINXS.](#)

LINXS Annual Report

Our Annual Report for 2017-2018 outlines our work over the previous year, as well as highlights and interviews with people working with LINXS. It also features statistics and activities to illustrate LINXS' development and progression as an Institute.

[Download LINXS Annual Report.](#)



News from LINXS Themes

The three themes at LINXS have had a busy period, with a range of activities spanning working group meetings, workshops and new sub-activities focusing on different topics. Here you can read selected news from the Dynamics, Imaging and Integrative Structural Biology themes.

- **Dynamics theme:** New activity in the Dynamics theme: Simulation, theory, and software development for anisotropic systems.
- **Imaging theme** - reflections on the first symposium of the Geoarcheology Group.
- **Integrative Structural Biology theme:** The first joint meeting of existing and potential working groups.

Upcoming Events at LINXS

This semester, a range of activities will be organised at LINXS. Some of the events are organised by themes or working groups whereas others are partner events or hosted events.

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

- Symposium - Lipid self-assembly - structure, function and applications, **14 March**
- Workshop - Magnetism, Correlated Systems and X-rays, **14-15 March**
- Workshop - Northern Lights on Food, **26-27 March**
- School - French and Swedish School on Energy Materials, **13-17 May**

Save the Date

- **LINXS Event:** First workshop for the new Working Group on X-ray and Neutron Imaging Applications in Soil Science, **June 17-18**. Please visit LINXS website for more updated information towards the end of March.
- **LINXS Event:** Second Symposium on Integrative Structural Biology, **October 9-11**

Other Events, Activities and Opportunities in the Field

- **Vinnova Call:** Industrial pilot projects for utilisation of neutron- and photon based techniques at large scale infrastructures - spring 2019
- **PhD course** in neutrons for the study of electrochemical processes, Uppsala and KTH
- **1st International workshop** on (synchrotron-based) Cardiovascular X-ray Phase-Contrast Imaging taking place in Barcelona at the Universitat Pompeu Fabra on 13th-14th, May
- **23rd Swedish Conference** on Macromolecular Structure and Function, SWEPROT 2019, 14-17 June in Tällberg

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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[University's web page about processing of personal data.](#)

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