



Greetings from the Director

Welcome back to a new exciting term here at LINXS! We are looking forward to lots of events and activities over the next few months, both our own and in partnership with others. We are also very pleased to have two visiting researchers, Chris Garvey (from Australia) and Jose Campos (from Mexico), with us at the moment. Both will be with us for a year. Furthermore, it was great to host Thomas Hellweg (from Germany) at LINXS as a visiting fellow over the summer for a few very productive months.



We got off to a great start with our 1st LINXS Science Day, where all our WG:s got to present their work and interact with other LINXS fellows from different Themes and WGs. This allowed links between WGs and fellows to be identified for further development of the LINXS community. We also had good discussions on everyone's visions and ideas for how LINXS can develop. It was great to see the engagement and the discussions during the day.

In this newsletter, you can read about our upcoming events, such as the second symposium of the Integrative Structural Biology theme. You can also get to know our new postdoc, Anurag Kawde, read about our reflections on Almedalen, and find out more about two of our new working groups.

We look forward to seeing you at LINXS!

Meet Anurag Kawde, new postdoc at LINXS

Artificial photosynthesis has the potential to provide cheap sustainable fuel for everyone in the world. Anurag Kawde, new postdoc at LINXS, wants to optimize the process of converting water into hydrogen by understanding excitons (electron and hole) mobility.

He works on tuning the surface and bulk properties of materials that can be used to develop the next generation of clean energy technologies.



[Meet Anurag Kawde, new postdoc at LINXS](#)

LINXS at Almedalen: "We need to highlight what LINXS can do for Swedish universities"

Martin Stankovski and Anna Ntinidou returned from Almedalen in Visby in July with a number of reflections from listening and participating in panels discussing the future of Sweden's research infrastructures.

[Reflections on Almedalen by Martin Stankovski and Anna Ntinidou](#)





Watch the recording of the panel debate: "Almedalen 2019: Från ord till handling kring forskningsanläggningarna" where Martin Stankovski from LINXS participated.

News from LINXS Themes

Here we highlight some selected news from our LINXS themes. You can read about the two new working groups within the Integrative Structural Biology theme as well as an interview with Tommy Nylander, active in the Dynamics theme. We also reflect back upon the recent doctoral school in energy materials.

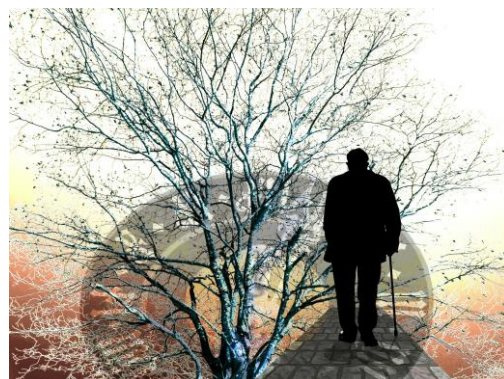
["FASEM was a very successful doctoral school. LINXS really works as a venue for these types of intensive and collaborative activities."](#)

[Tommy Nylander: "For me it's about the community and the knowledge exchange."](#)



["One of the main questions for amyloid research is: how do we capture the change of the protein from good to bad? New WG on Amyloid: an integrative approach"](#)

[What is the new WG, Time-resolved Structural Biology, about? We ask Thomas Ursby](#)



New Working Groups at LINXS

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

- Food Science and Technology
- Tomography of Biological Samples

[Read about the working groups under the theme Imaging.](#)

Upcoming Events at LINXS

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

LINXS Partner Event - Amyloid Diseases and Amyloid Mechanisms (ADAM 8)	28-30 Aug
LINXS related event: Materials Compatibilization	4 Sept
LINXS Partner Event: Doctoral school: Neutrons for membrane biophysics	16-20 Sept
LINXS related event - Workshop: Introduction to Volumetric Image Analysis	19-20 Sept
LINXS Hosted event - Summer school: Imaging of 3D-structures	30 Sep - 4 Oct
LINXS Event - 2nd Symposium - Integrative Structural Biology	9-11 Oct
LINXS related event - Workshop om ESS och Max IV	17 Oct
LINXS related event - PhD course: Small angle scattering	21-23 Oct
LINXS Event - "Mind the many gaps in amyloid fibre structure analyses"	21-22 Nov
LINXS related event - Bilayers at the ILL 2019	11-13 Dec
LINXS Partner Event - 18th Food Colloids conference: Structure, Dynamics and Function	19-22 April (2020)

Other Events, Activities and Opportunities in the Field

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

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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