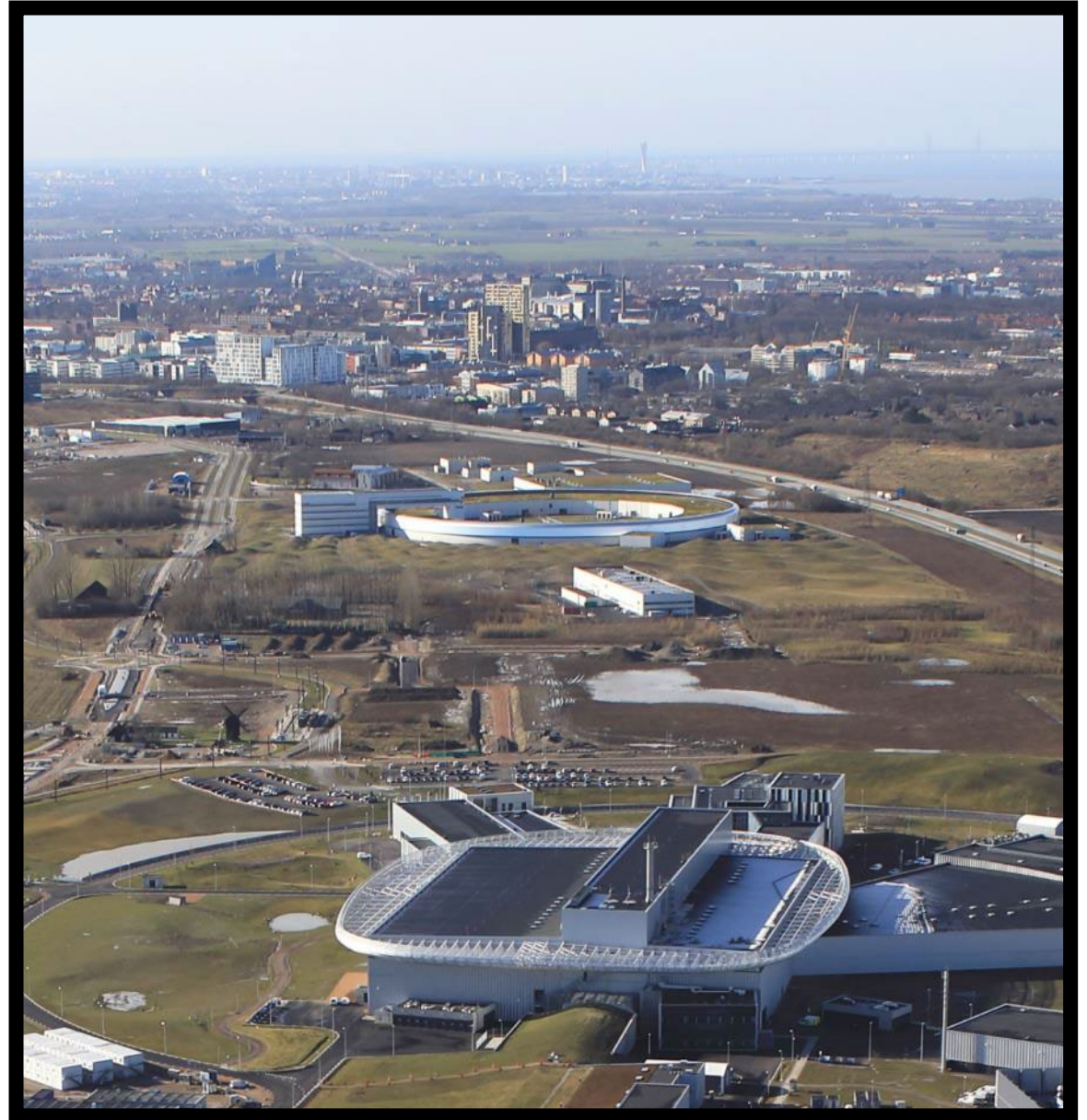




# LINXS

INSTITUTE OF ADVANCED  
NEUTRON AND X-RAY SCIENCE



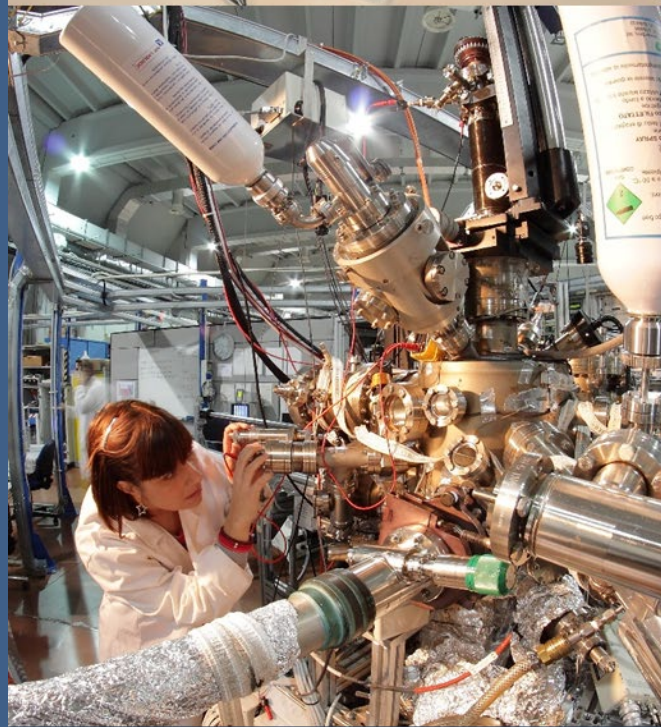
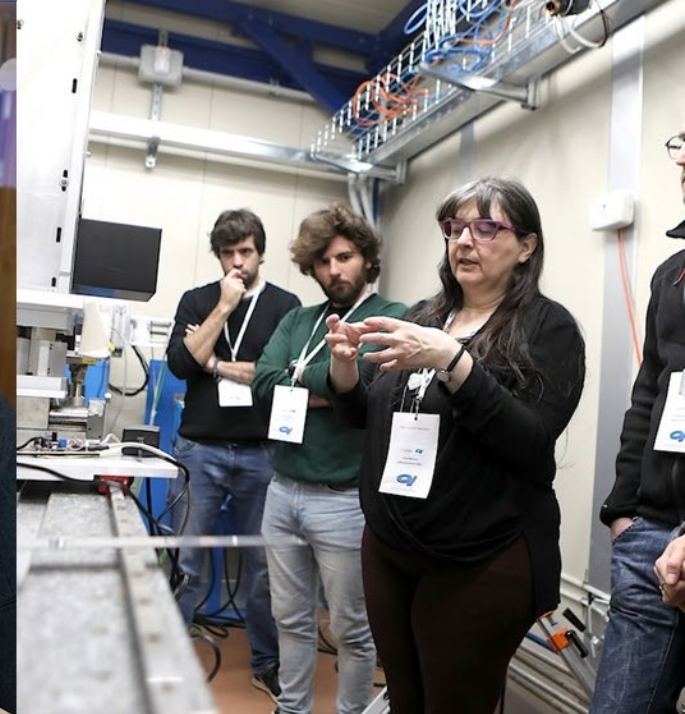
LINXS is an advanced  
study institute

Our mission is to advance  
science and education for  
all research activities that  
can benefit from the use of  
neutrons and x-rays



LINXS' work is based around Themes

Themes focus on a specific research challenge that has the potential to be solved using light sources, neutron facilities, and complementary techniques



A Theme is governed by a Core Group which coordinates Working Groups (typically 3-5)

Working groups focus on parts of the challenge and organise activities. They are agile and can change direction in the course of a Theme

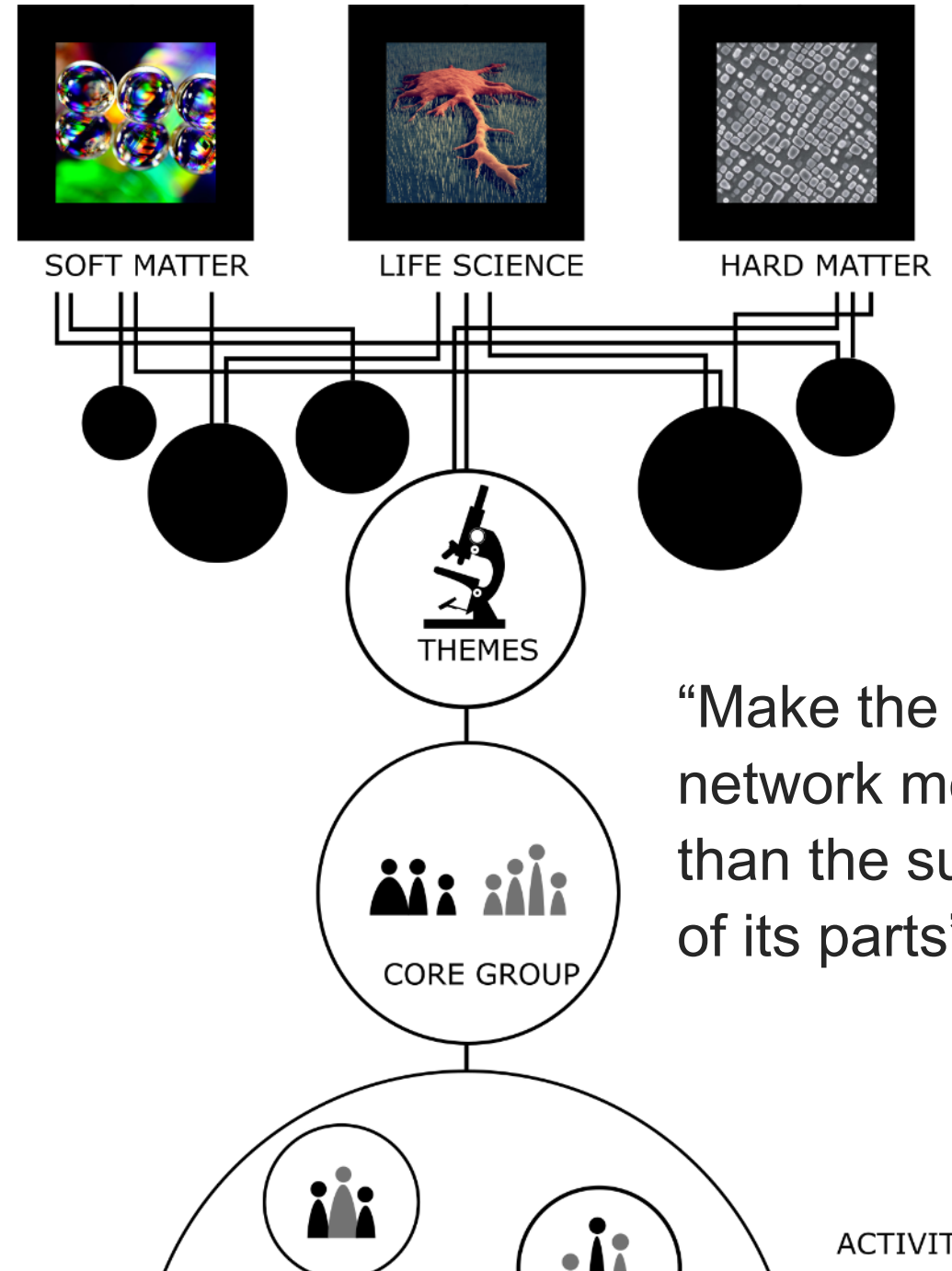




## Focus areas and their relation to a Theme

Themes typically fall within (or between) the focus areas of hard condensed matter, soft matter, and life sciences but it is accepted that rigid definitions of these areas are not always possible or helpful.

For this call we encourage applications relating to hard and soft condensed matter.



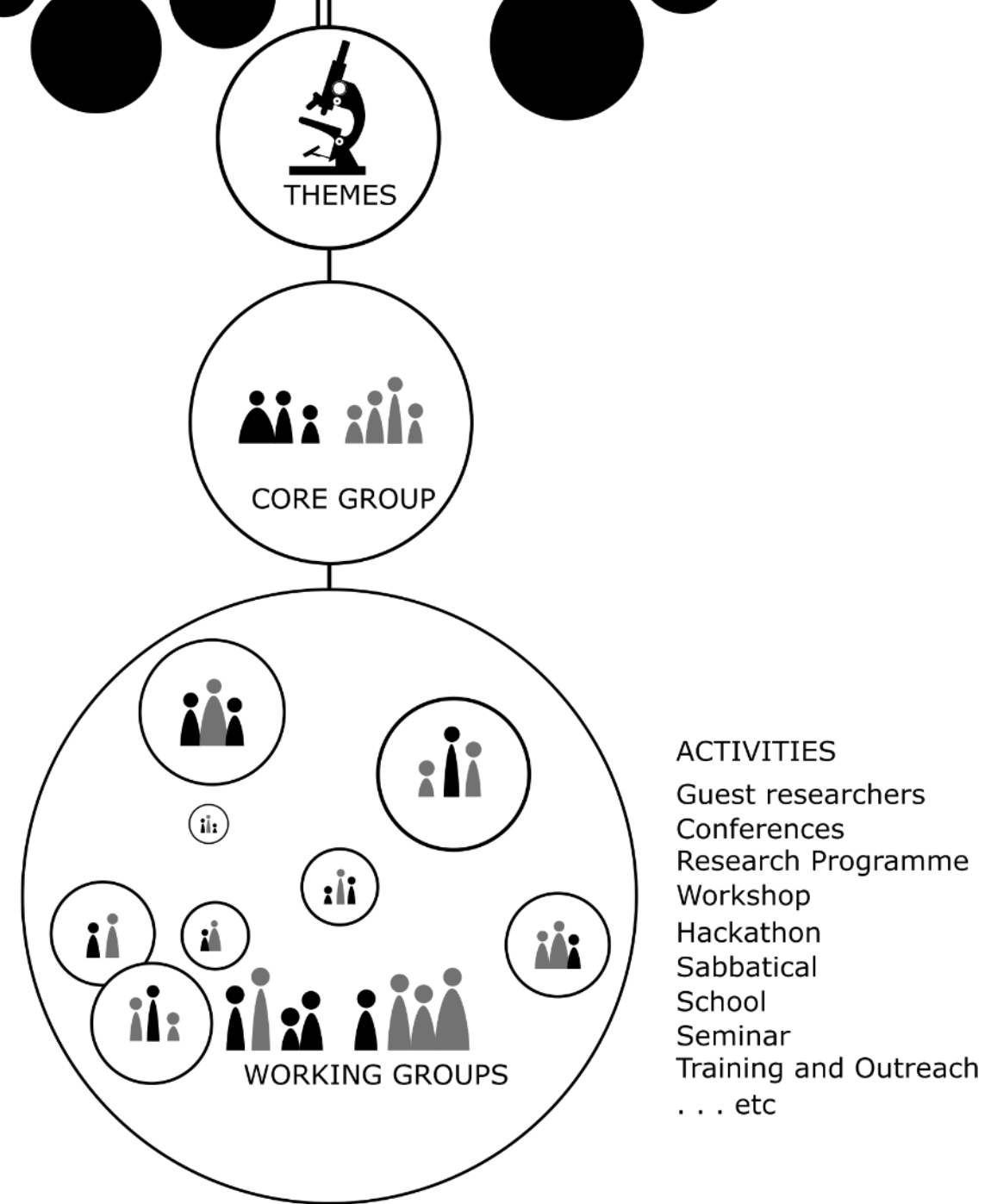
“Make the network more than the sum of its parts”

# Anatomy of a Theme

A Core Group manages active teams focusing on specific subtopics, in the form of Working Groups.

The core group contains representatives from each of the working groups, and is chaired by the theme leader (typically the person submitting a theme proposal).

Aim for sustainability beyond the lifetime of the theme for network of researchers (e.g., other external funding, new initiatives, translational and social impact, etc.).





SEARCH

HOME ABOUT THEMES YOUNG RIS GOING ON RESOURCES  
CONTACT

## National and international Theme call 2023

DOWNLOAD APPLICATION TEMPLATE

REGISTER FOR THE THEME CALL INFORMATION MEETING, 19/10

The LINXS Institute of advanced Neutron and X-ray Science invites original, innovative, and pioneering Theme proposals that will advance science using X-rays, neutrons, and complementing techniques. Multi-disciplinary and multi-technique proposals that link experimentalists, theoreticians, and modellers to provide new perspectives are strongly encouraged. LINXS Themes typically fall within (or between) the focus areas of hard condensed matter, soft matter, and life sciences but it is accepted that rigid definitions of these areas are not always possible or helpful. For this call we encourage applications relating to hard and soft condensed matter. Themes should be designed to progress the proposed topic by resourcing interactions between different groups/areas through scientific and strategic activities that make the network more than the sum of its parts. It is expected that applications will involve relevant scientists from different organisations. We particularly encourage Theme proposals that expand the scope of research into new areas and/or involve new user groups.

Potential applicants are strongly encouraged to contact the LINXS management /staff or people currently active in Themes to find out more about how LINXS operates and for further information and advice.

Read more about LINXS and Themes in the [FAQ](#) and the [LINXS Handbook](#).

WHAT IS A THEME?

## How does the call work?

The Theme leader (main applicant) can be from any organisation prepared to contribute to the resources of the Theme (see “Eligibility” in call text).

Any organisation can contribute to funding its staff participating in a Theme, forming a partnership for its duration. For more info, see:

<https://www.linxs.se/national-and-international-theme-call-2023>

<https://www.linxs.se/faq>

<https://www.linxs.se/handbook>





## National and international Theme call 2023

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**WHAT IS A THEME?**

## TIMELINE

- Deadline for **Stage 1** applications: **2024-01-26**
- LINXS will invite **Stage 2** applications by **2024-03-01**
- Deadline for **Stage 2** applications: **2024-04-26**
- LINXS will send the **final decision** by **2024-05-31**
- Earliest date for Theme start is **2024-09-02**



# DISCUSSION

Things to think about when putting together core groups and the initial working group:

- Aim to have a good mix of people from outside the partnering organisations, a major purpose of a theme is to establish an international network
- Aim for gender balance of at least 40% / 60%
- Talk to people who are running, or have run, a theme. Find out what is the day-to-day of managing a theme.
- 2-step application process
- Flexibility is a feature, not a bug. A theme is a way to work toward an overarching goal. It's not a research grant, the payback is expanding the potential of research.
- Long term goals are tailored to each theme, think unconventionally, a theme can be used to boost new communities, using international networks and connections, via targeting additional funding, increased user applications, etc. Education, training, and bringing in young talent is also important.

More info

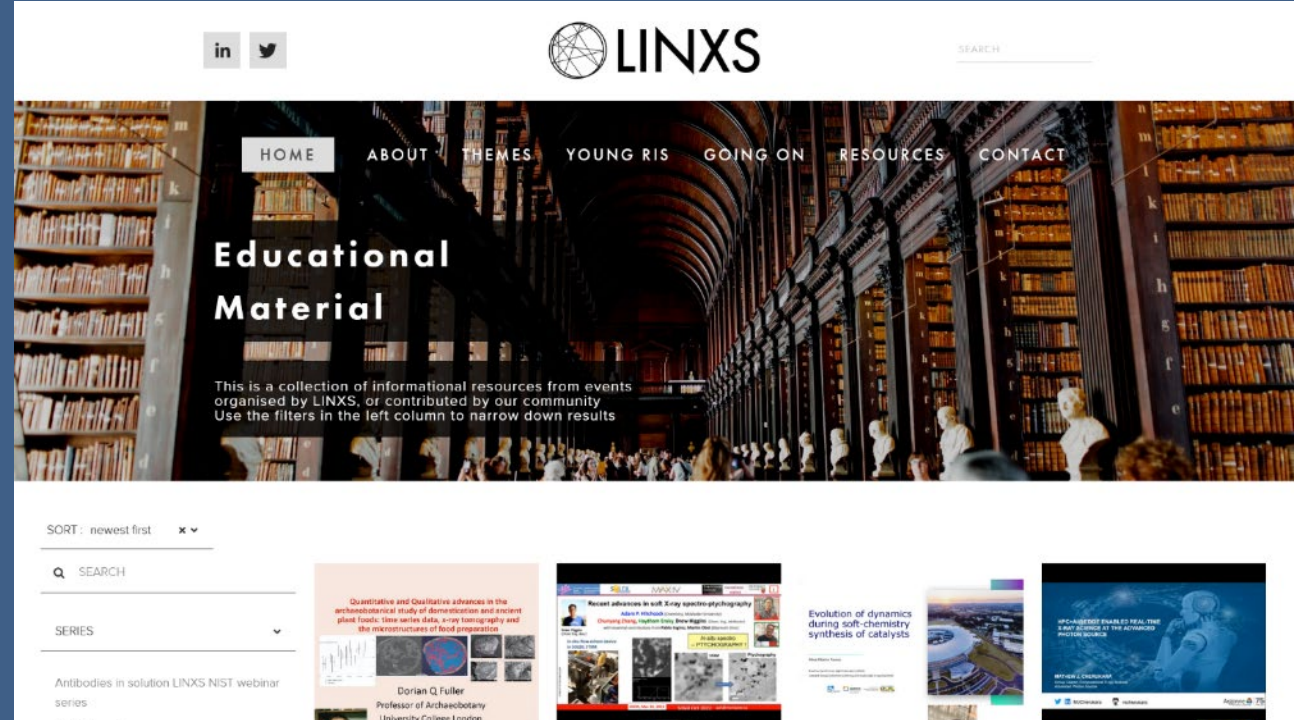
# Young Researchers' Initiatives - by young researchers for young researchers

A platform for early-career scientists, such as PhD students, post-docs, undergraduate students as well as non-tenured researchers



# Online community and resources

LINXS activities are often hybrid and online. We take great care to preserve and make knowledge available, helping people advance their projects and analyse their data every day





See you here  
in 2024!

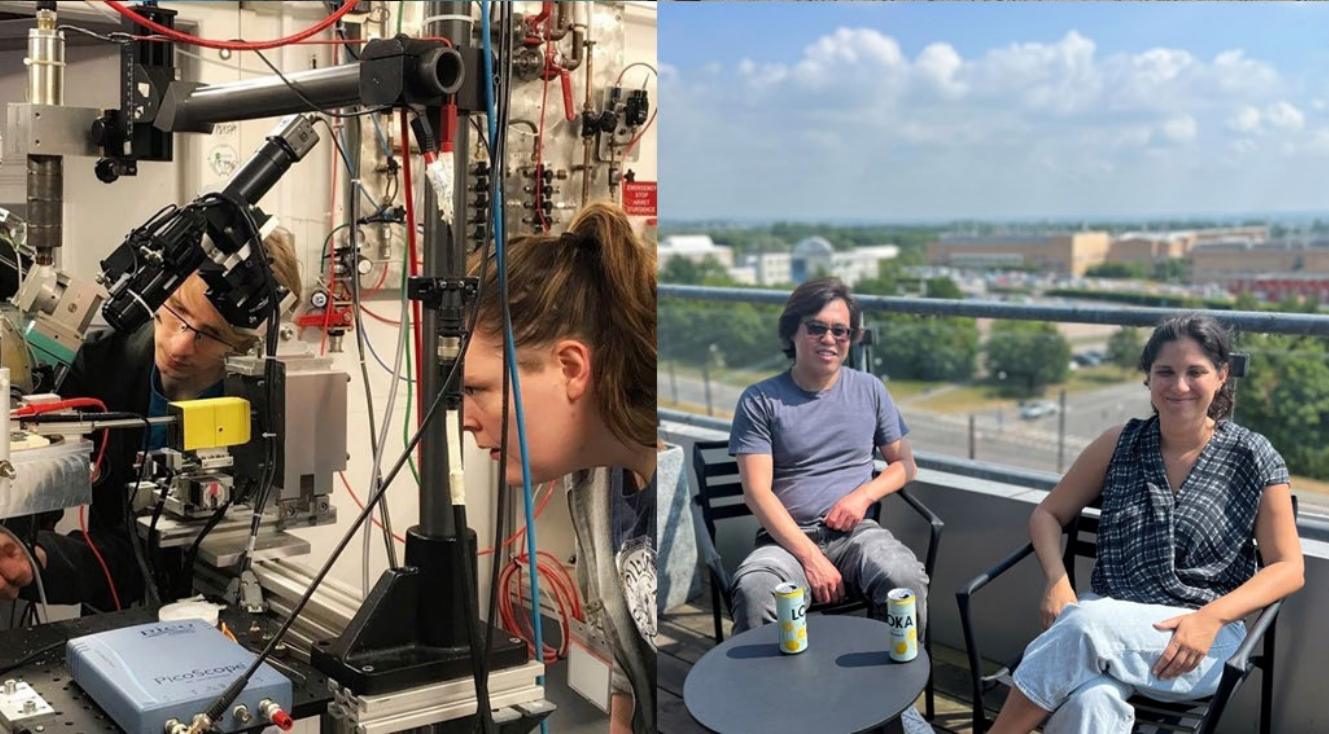
**LINXS will move from Ideon on to Science Village in 2024 and will be located directly between MAX IV and ESS.**



Welcome to LINXS!

We encourage all researchers to come work at LINXS when in town doing related research.

LINXS acts as an excellent ad-hoc outstation, and there's always something going on at LINXS!





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NEUTRON AND X-RAY SCIENCE**

[www.linxs.se](http://www.linxs.se)