



# Call for LINXS Theme 2020-2023

[DOWNLOAD APPLICATION FORM](#)

## INSTRUCTIONS

The Lund Institute of advanced Neutron and X-ray Science invites applications for a new LINXS Theme in the areas of hard condensed matter, materials, and related areas.

LINXS is an advanced study institute whose mission is to promote science and education focusing on the use of neutrons and X-rays, to attract world-leading scientists for short- and long-term focused research visits, and to create national and international networks.

## WHAT IS A THEME

LINXS works under strategic focus areas reflecting broad research priorities: Soft Matter, Life Science and Hard Matter. Within these focus areas, the activities of LINXS are organised into Themes that run for around 3 years and aim to bring research communities together. A Theme is usually connected to one or more of the focus areas and involves research around developing and using neutron and x-ray techniques from data acquisition through experiments to data analysis, simulation and theory. Activities in a Theme are coordinated by a Core Group and organised into Working Groups focused on specific activities. Current research Themes at LINXS are Dynamics, Imaging and Integrative Structural Biology.

LINXS welcomes applications from research groups from partner organisations who would like to drive funded activities under a Theme framework for 2020 – 2023 as well as support the realisation of the LINXS vision and mission. This call welcomes Theme proposals in the areas of hard condensed matter, materials, and related areas in order to

complement the existing Themes. Future calls will be opened in other science areas.

#### **ELIGIBILITY - WHO CAN APPLY**

LINXS solicits input on the Themes and their content from the community at LINXS partner organisations. The current partner is Lund University. Anyone with tenure, tenure-track or a permanent position at partner organisations can apply as the lead applicant for a Theme. Researchers from non-partner organisations can and are encouraged to be involved in the Theme application but not as lead applicant.

LINXS welcomes applicants with diverse backgrounds and experiences. We regard gender equality and diversity as a strength and an asset.

#### **RELEVANCE - CONTRIBUTION TO LINXS MISSION AND VISION**

The evaluation will consider the potential contribution of the Theme and its proposed activities to the LINXS vision and mission. A Theme should involve research using and developing x-ray and neutron techniques and reach across different scientific domains. A key goal should be to open up and develop new user groups and new interactions between

different user/development groups through relevant and strategic Theme activities.

Anyone wishing to apply is encouraged to contact someone from the LINXS management to discuss their idea prior to submission.

### **PROCEDURE**

The call follows a **two-stage application process**:

- The **1st stage** consists of the submission of a concept application by the lead applicant using a template – this is a short application describing the key aspects of the proposed Theme. Out of these, a few applications will be selected through an external and independent evaluation procedure and invited to proceed to the 2nd stage. No new call will be published for the 2nd stage.
  
- The **2nd stage** consists of a more developed version of the application which includes timeline of operations, descriptions of foreseen working groups and potential members, level of engagement of the Core Group and Working Group members, details on foreseen activities and estimated costs. These applications will be evaluated on this

plan and their scientific ambition and scope. One Theme will be selected. LINXS intends to regularly open calls for Themes depending on budget availability and encourages reapplication.

- The application should be written in English due to the external evaluation procedure.
- Applications are officially submitted by email in one searchable pdf file to [submissions@linxs.lu.se](mailto:submissions@linxs.lu.se)
- An acknowledgement of receipt is sent to the lead applicant.

#### **TIMELINE**

- Deadline for Stage 1 applications: 2020-02-28 17:00 PM CET
- Invitation to Stage 2: 2020-05-08
- Deadline for Stage 2 applications: 2020-06-18 17:00 PM CET
- Final decision date: 2020-08-28
- Earliest date for Theme start: 2020-09-01

**COSTS THAT CAN BE COVERED**

Personnel costs: A contribution to the salary of the lead applicant and 1-3 key participants, as long as they are employed at the partner organisation (currently Lund University). Core Group and Working Group members from external organisations can have travel and accommodation covered, but not salary costs.

Activity costs: conferences (including hosting and travel of keynote speakers), Core Group and Working Group meetings, workshops, hackathons, sabbaticals (hosting and travel of guest researchers), schools, seminars, training and outreach. The list is non-extensive and LINXS welcomes activity ideas that contribute to the success of the Theme.

Applicants are encouraged to contact LINXS for more information on costs that can be covered.

**REPORTING AND EVALUATION**

The Theme selected is expected to report annually, listing activities and scientific achievements, as well as a final report at the end of the Theme duration. The final report should list the Themes' scientific contribution, societal

impact and research activities. All Core Group members are also expected to take part in survey and evaluation activities with the aim to improve LINXS' administration and reporting.

#### **CONFIDENTIALITY**

Applications will not be distributed or publicised by LINXS, but are not, in principle, confidential. LINXS does not encourage the inclusion of confidential material.

#### **EVALUATION PROCEDURE AND ASSESSMENT CRITERIA**

The LINXS Management will gather the applications received and check the formal eligibility of applications. All timely and eligible applications will be sent to the LINXS external Scientific Advisory Board (SAB) for evaluation. The SAB consists of six international experts; two in each LINXS focus area (i.e. soft matter, hard matter, and life science).

The SAB will then evaluate and rank all applications (description, participants, and activities) according to the set evaluation criteria, which include:

1. Scientific excellence, impact and timeliness, and potential to contribute to the advancement of and

- breakthroughs in x-ray and neutron science at large-scale facilities.
2. Relevance to one or more of the LINXS focus areas, and potential to bring different scientific communities together and exploit interdisciplinary, intersectoral and/or inter-methodological engagement.
  3. Potential to enhance existing user communities and/or open up new user communities (including industry, if relevant) for synchrotron and neutron-based science (premium on both).
  4. Relevance to the LINXS vision, mission and goals, and strategic balance in view of existing Themes and the diversity of activities at LINXS.
  5. Excellence, networks and capacity of the suggested Core Group and potential Working Groups. It is expected that these include members external to partner organisations (currently Lund University). The target (but not a requirement) is 50% fellows from non-partner organisations active in Core and Working Groups.



6. Emphasis will also be given to horizontal criteria (as applicable): sustainable development, equal opportunities & non-discrimination, and gender equality.

The SAB submits their 1st stage recommendation and selection. The management group formally decides and invites applications to the 2nd stage. The SAB may suggest modifications or merging of proposals with the aim of developing a strong, balanced scientific programme at LINXS.

The 2nd stage evaluation is performed by the LINXS management group together with the SAB, considering budget availability and operational capacity. The formal decision is made by the LINXS management group in agreement with the SAB.

#### **CONTACT PERSONS**

Potential lead applicants are encouraged to contact the LINXS management in order to discuss their ideas prior to submission, the relevant contacts are:

**Stephen Hall** ([stephen.hall@linxs.lu.se](mailto:stephen.hall@linxs.lu.se), LINXS Director and Imaging Theme responsible)

**Jens Lagerstedt** ([jens.lagerstedt@linxs.lu.se](mailto:jens.lagerstedt@linxs.lu.se), LINXS Vice-Director and Integrative Structural Biology Theme responsible)

**Marie Skepö** ([marie.skepo@linxs.lu.se](mailto:marie.skepo@linxs.lu.se), LINXS Co-Director and Dynamics Theme responsible)

**Anna Ntinidou** ([anna.ntinidou@linxs.lu.se](mailto:anna.ntinidou@linxs.lu.se), LINXS Head of Administration)

#### LAST APPLICATION DATE STAGE 1

28 February 2020 17:00 PM CET

HOME	IMAGING	EVENTS	MANAGEMENT
ABOUT	DYNAMICS	NEWS	GROUP
- MISSION & GOALS	INTEGRATIVE STRUCTURAL BIOLOGY		STAFF
- HOW IT WORKS			BOARD OF DIRECTORS
- WHERE, WHY, WHAT, WHEN			SCIENTIFIC ADVISORY BOARD
- FOCUS AREAS			FELLOWS
- FELLOWSHIPS			

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APPLICATION  
PORTAL  
CALL FOR  
THEME 2020-  
2023

Answers

FAQ  
HANDBOOK  
DOCUMENTS

Tools

LINXS INDICO  
SERVER

Contact

CONTACT  
FORM  
ADDRESS

The following organisation are currently members, have supported or are supporting LINXS:



LUND  
UNIVERSITY



The Crafoord Foundation  
ESTABLISHED BY HOLGER CRAFOORD IN 1980

