

SNSS General Assembly

Maths Karlsson
Swedish Neutron Scattering Society (SNSS)
Yasuragi, Saltsjö Boo,
10.20 – 11.00, May 8, 2019

General Assembly (Business Meeting)

- Additions and approval of the agenda
- Keeper of minutes (Martin Häggblad Sahlberg)

Agenda:

1. Short presentation of the SNSS board and aims of the society.
2. Report on activities in 2018, and plans for 2019.
3. SNSS economy (2018 and 2019).
4. Proposed changes of the statutes (article 4.1)
5. Election of new student representative to the SNSS board, and by-election of new board member (Nomination Committee through Ulrich Häussermann).
6. Information about other/related activities: MATRAC school (Maths Karlsson), RACIRI school and ESS - J-PARC exchange program (Martin Månsson), LINXS (Tommy Nylander), MLZ (Adrian Rennie)
7. Next SNSS Annual Meeting
8. Other issues

SNSS Board (2017 – 2020)



Maths Karlsson, chair
2019- (Chalmers)



Marité Cardenas,
co-chair 2019- (Malmö Uni.)



Tommy Nylander
(Lund Uni.)



Nanny Strandqvist,
student (UU)



Ru Peng
(Linköping Uni.)



Martin Häggblad
Sahlberg, secretary (UU)



Martin Månsson
(KTH)

What is SNSS?

General objectives of the society

- SNSS is an organization open to all those who are using, or interested in the use of, neutron scattering techniques.
- The overall aim is to provide a forum for discussion and information exchange on neutron scattering and promote the interests of users of neutron scattering techniques

What we do in order to meet this aim:

- Organize or support in the organization of conferences and workshops related to neutron scattering.
- Support in educational activities related to neutron scattering, e.g. support to summer/winter schools, MSc students participating in neutron experiments.
- Bibliometric survey of the user community, identification of individuals, and research areas. Often asked for by the funding agencies.
- Represent the "voice of the users" and develop/propose a Swedish Strategy for Neutron Research, which is disseminated in a broad context (universities, funding agencies). The last one was created in 2015.

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Report on SNSS activities in 2018

SNSS home page

- The SNSS web site, www.snss.se, has been developed and is kept up-to-date. Board meeting minutes and annual reports are now available.
- SNSS monthly news letters, containing relevant information for the community (conferences, calls etc.), research highlights (also put on the web site).
- Please send highlights and any relevant material to us! contact@snss.se

Swedish Neutron week (Gothenburg, April 23-26)

- Three meetings in one: SwedNess, SNSS Annual Meeting, and RMC workshop.

Support for MSc students to participate in neutron experiments

- Support of 10 000 SEK per student/year.

Other activities

- Strategic discussions with the Swedish Research Council (VR).

European Activities

The European Neutron Scattering Association (ENSA)

- ENSA is an affiliation of national neutron scattering societies, which directly represents users. The overriding purposes of ENSA are to provide a platform for discussion and a focus for action in neutron scattering and related topics in Europe.
- Chaired by *Christiane Alba-Simionesco*, Laboratoire Léon Brillouin, France. Vice-chair, *Lambert van Eijck*, TU Delft
- Typically two “ENSA delegate meetings” a year, where we (SNSS) have a change to influence the European neutron scattering landscape.
- **ECNS 2019** - St. Petersburg, June 30 – July 5, 2019. www.ecns2019.com



European Activities

Some ENSA News

- **New web site** - www.neutrons-ensa.eu (currently in progress...). As a new approach, it will be possible to post “national delegate news” by the respective national communities.
- **New chairman** – Nominations preferably before the next ENSA meeting

ENSA Awards

- **Walter Hägg Prize** – Awarded biannually to a European scientist for outstanding, coherent work in neutron scattering with a long-term impact on scientific and/or technical neutron scattering applications.
- **Neutron Instrumentation and Innovation Award** – Awarded to an early career scientist (3-10 years after PhD) or engineer in recognition of ground-breaking contributions in neutron instrumentation or method innovation, thereby enabling advances in neutron science and technology.

Nominations before May 31, 2019. (see ENSA web page for details)

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SNSS costs for 2018

Budget – Running grant from the Swedish Research Council (VR)

- 250 000 SEK/year (since 2014)

Activity	2018
Revenue from VR	250 000 SEK
Salaries (including overhead costs)	124 000 SEK
Conferences (Swedish Neutron Week*)	129 000 SEK
Travel	50 000 SEK
Total costs	303 000 SEK

* Total cost of 325 000 SEK

Web master



Emma Indahl
(Malmö University)

SNSS Budget for 2019

Activity	2019
<i>Incoming balance</i>	<i>340 000 SEK</i>
Salaries	90 000 SEK
SNSS Annual Meeting (Yasuargi)	100 000 SEK
Swedish-French Neutron/X-ray School (Lund)*	50 000 SEK
Support to MSc students	50 000 SEK
Travel (board meetings, ENSA meetings)	50 000 SEK
Total costs	340 000 SEK

*Joint Swedish-French School on X-ray and Neutron Techniques for the Study of Functional Materials for Energy, May 13-17, 2019, Lund.

SNSS Economy, from 2020 and onwards

- A new application for continuing support has been submitted to VR, 400 000 SEK/year for five years (2020-2024).

Examples of plans for new activities:

- i. Updated bibliometric survey regarding the use of neutron scattering techniques within the Swedish community (the last one was done in 2012). Possibly, in cooportation with DANSCATT (Kim Lefmann).
- ii. Take part and play a role in different committees (SAC, STAP etc.) at the ESS (suggested by VR). NOTE: Expressions of interests are welcome – please send!
- iii. Initiate discussions /develop strategies with LINXS – Lund Institute of Advanced Neutron and X-ray Science - so that their activities will be beneficial for the whole Swedish community.

Suggestions for new activities are welcome!

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Proposed change of the statutes (English)

§4.1 (Current version)

SNSS is chaired by a board consisting of a chairman and at least three members. Geographical and substantive dissemination of members should be sought. At least one of the members shall be a postgraduate doctoral candidate.

The Board elects among its members, chairman, vice chairman and a secretary /webmaster. The Board is elected by the members for a three-year period. However, doctoral students /postdocs are chosen for a one-year period. The Board is elected either at the Annual General Meeting or by a postal vote. Refusal may occur.

§4.1 (proposed version)

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Proposed change of the statutes (Swedish)

§4.1 (Current version)

SNSS leds av en styrelse bestående av en ordförande och minst tre ledamöter. Geografisk och ämnesmässig spridning av ledamöterna bör eftersträvas. Minst en av ledamöterna ska vara en doktorand alternativt postdoc.

Styrelsen väljer bland sina ledamöter, ordförande, vice ordförande och en sekreterare/webmaster. Styrelsen väljs av medlemmarna för en treårsperiod. Doktorander/postdocs väljs dock för en ettårsperiod. Styrelsen väljs antingen vid ordinarie årsmöte eller genom poströstning. Återval kan ske.

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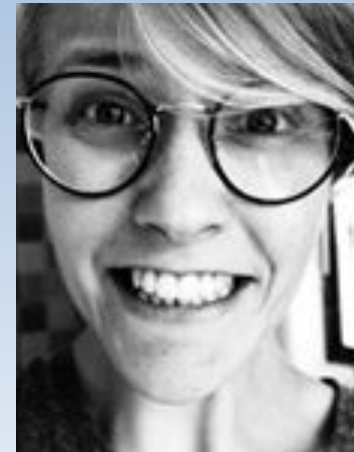
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Election of student representative

Candidates

1) *Nanny Strandqvist, Uppsala University (re-election)*



By-election of new board member

Candidates

- 1) *German Salazar Alvarez*, Department of Materials and Environmental Chemistry, Stockholm University.
- 2) *Maja Hellsing*, RISE Research Institutes of Sweden, Stockholm

More nominations?



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MATRAC – Application of Neutrons and Synchrotron Radiation in Engineering Materials Science

- One-week-long “summer” school, supported by the Röntgen-Ångström Cluster – a collaboration agreement between Sweden and Germany
- Provides a systematic overview of the application of neutrons and synchrotron radiation to the structural and dynamical analysis of engineering materials. Includes both theory and practicals at a facility (DESY, MLZ)
- Organized annually, with an emphasis on synchrotron radiation (MATRAC 1) and neutron scattering (MATRAC 2), respectively.
- Registration fee, only 100 EUR.
- Receives very good feedback from the students!
- Web site: <https://www.hzg.de/ms/summerschool/index.php.en>
- More information: Jens Birch (Linköping University), Maths Karlsson (Chalmers)



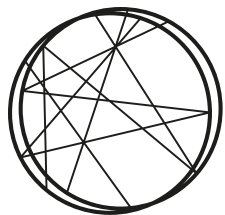
Bundesministerium
für Bildung
und Forschung

Other related/activities

- RACIRI Summer School (Martin Månsson)
- ESS – J-PARC exchange program (Martin Månsson)
- MLZ news (Adrian Rennie)



Image by Basics (www.basics.land)



**LUND INSTITUTE OF ADVANCED
NEUTRON AND X-RAY SCIENCE**

LINXS

Visit us at: www.linxs.se



Start of LINXS

Inhabiting the greenfield
between MAX IV and ESS with
scientists!

*Presented by Colin Carlile at ICNS in
Edinburgh 2013*

MAX IV



ESS



MAX IV and ESS are the biggest investments in science infrastructure in the history of Sweden*



*The largest infrastructure in Scandinavia was the Tycho Brahe observatory (late 1500) on Hven island, about 10% Danish State budget to provide the King with better horoscopes

MAX IV and ESS are the biggest investments in science infrastructure in the history of Sweden

Annual visits at full operations
2000-3000

Average visit length
2-4 days

How do we ensure a dynamic National and International user base?

How do we ensure Swedish researchers are active players in shaping the future of the facilities?

New user groups

LINXS

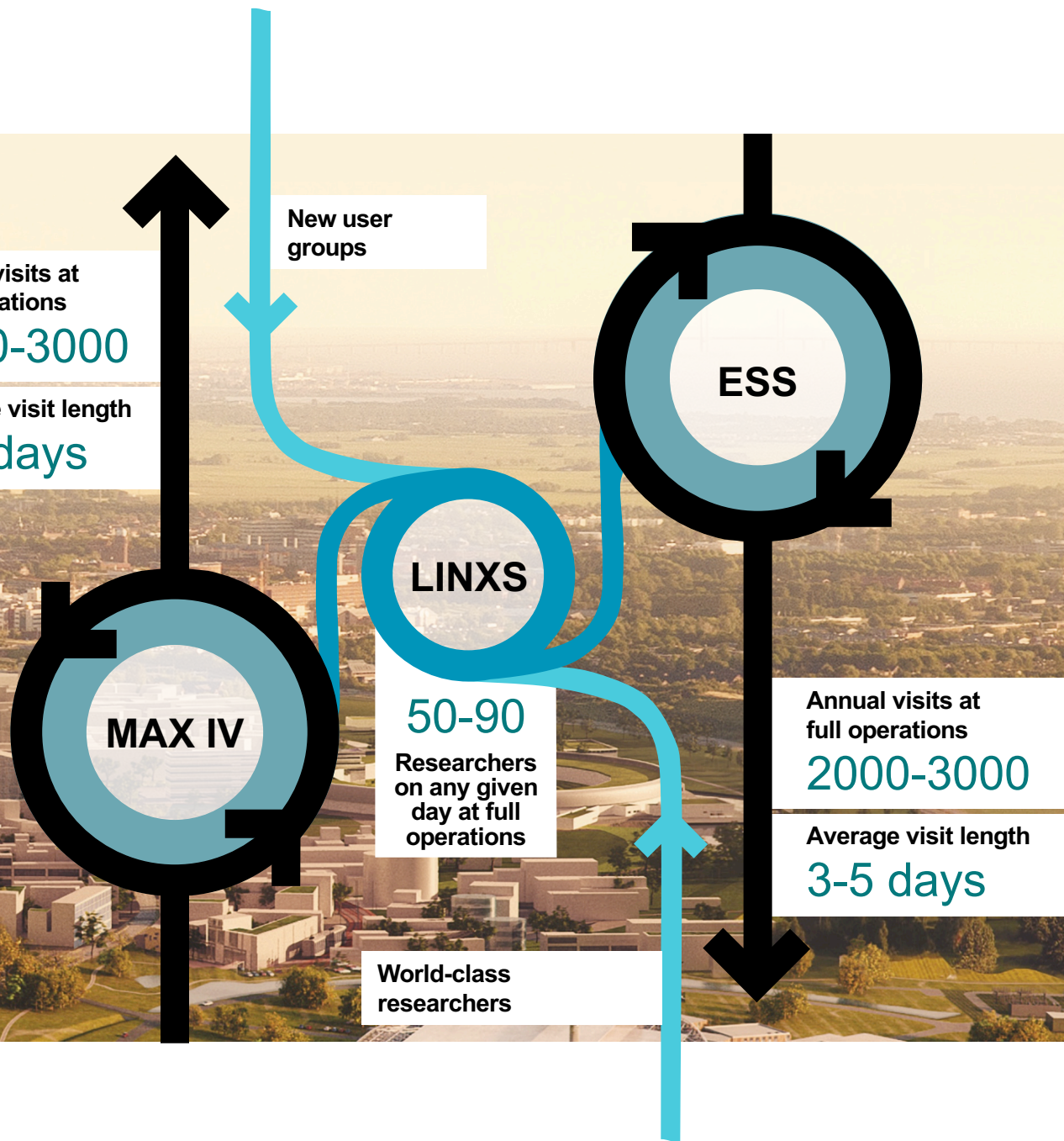
50-90
Researchers on any given day at full operations

World-class researchers

ESS

Annual visits at full operations
2000-3000

Average visit length
3-5 days



SETTING THE STAGE FOR OPTIMUM USE OF MAX IV AND ESS:

LINXS is an advanced study institute dedicated to becoming the nucleus for national and international scientific activities in Science Village Scandinavia situated between MAX IV and ESS.

LINXS will be an international competence centre, research networking hub and think tank for science with neutrons and x-rays.

LINXS is built on a stream of highly motivated world-leading scientists invited for short-term focused topical research visits.

More info: www.linxs.se/about



Open for you all so get Involved!

- Join an event
- Join an activity or working group
- Suggest scientists to invite
- Join on sabbatical
- Become an organisational member



www.linxs.se

We welcome Swedish and International organisations to become partners/members to work together to forge a world-class, open institute for the WHOLE x-ray and neutron science community

Other related/activities

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Next SNSS Annual Meeting

- Linköping University
- Ru Peng, organizer
- Probably in mid May



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Thank you!