



Call for project proposals to explore capacities at MAXIV

Purpose of this call

The aim of this call is to enable new users from Karolinska Institutet (KI) to explore technologies and staff available at MAXIV for high quality projects.

Background

MAXIV is presently used by KI scientists mainly for structural biology on the BioMAX beam line. It is considered that there is unexplored potential at MAXIV for KI scientists and that initiatives are needed to increase the awareness of scientific questions that can be addressed using MAXIV beam lines and to connect KI scientists with MAXIV scientists.

The KI Infrastructural council has decided

- To support an online symposium to increase awareness of MAXIV beam lines and what they can deliver (<https://medarbetare.ki.se/maxiv-new-possibilities-for-breakthrough-research>).
- To support start up grants to initiate new research projects between KI scientists and MAXIV scientists using MAXIV beam lines.

Funding amount: Up to 300 kSEK will be awarded per grant and a total amount of 900 kSEK is available.

Eligibility: Researchers with an employment or affiliation (anknytning) to KI as main applicant. PhD students should involve their supervisor before applying and the main supervisor should be co-applicant. The applicant should not be a current or previous user of MAXIV beamlines.

Call opens: December 14th, 2020 at 10 am.

Call closes: January 18th, 2021 at 2 pm.

Terms

The project must involve a partner active at MAX IV beamlines. The MAX IV partner secures that experiments suggested in the proposal are technically feasible at the MAX IV beamline. The MAX IV partner should be a co-applicant. However, the research funding is awarded to the main applicant from KI and intended for salaries and consumables required for the proposed work. Awarded funding should be used latest 2022. A presentation of the project and results is expected.

Evaluation procedure

The evaluation committee will rank the proposals based on

1. **Scientific quality** of the project in relation to the intentions of the call.
2. **Feasibility** of the project.
3. **Potential to lead to further collaborative activities.**
4. **Justification and plan** for how the grant money will be used.

How to apply

Applications should be submitted electronically.

The application form will be available in [KI Prisma](#) during the application period.

The application will open December 14th, 2020 at 10 am and close January 18th, 2021 at 2 pm.

The application should consist of maximum two A4 pages with the obligatory headings below and a single-page CV of the main applicant and the MAX IV partner.

- A) Project plan including experimental method (s) at MAX IV. The focus of the start-up funding and how it, if successful, can open up new research avenues should be clearly indicated.
- B) Ethical permits (If applicable)
- C) MAX IV beamline and partner involved
- D) Budget for the startup funding
- E) References

Contact details

For questions regarding Prisma contact: fonder@ki.se

For questions specific to the scope of this call contact: Karin.dahlman-wright@ki.se

The decision which projects that will be funded, will be taken in the end of February 2021