



Training and exchange SESAME and Sweden, MAX IV

The [Swedish Institute](https://si.se/en/) (<https://si.se/en/>) is funding scholarships for training and exchange at MAX IV Laboratory in Sweden. The Scholarships are open for scientists and PhD students active at or in relation with SESAME to spend 3-6 months in Sweden.

The aim of the program is to develop the scientific activities around SESAME and the laboratory itself. The MAX IV Laboratory is under commissioning and the scientific program has recently started. By providing the possibility to join a group in Sweden, knowledge and experience can be exchanged. This relates to training in the use of Synchrotron Radiation, the design/build-up/commissioning of beamlines and experimental stations and the accelerator systems.

The program is starting immediately (January 2018).

Total available funding in the first round: \approx 40 000 € (366.000 SEK)

Scholarships (100 SEK \approx 10 €)

- 3-6 months
- PhD students 15 000 SEK/month
- Scientists 18 500 SEK/month
- Travel allowance 15 000 SEK/scholarship holder

Eligible to apply

- Research and activity towards SESAME
- Citizen of Egypt, Iran, Jordan, Pakistan, Palestine or Turkey.

How to apply: see below or <https://www.maxiv.lu.se/education-training/max-faculty-of-science/sesame-max-iv-training/>



Tentative sample scholarships

- “A PhD student in a University group which plan to use a beamline at SESAME or elsewhere. The student joins a beamline group at MAX IV to learn about the experimental techniques and how a beamline is operated.”
- “A University or SESAME Scientist with some synchrotron experience wants to develop both scientifically and the ability to use SESAME for future research. Expert knowledge and tools are available at MAX IV and an exchange period gives new insights and understanding of how a beamline at SESAME can be used or designed.”
- “In plans for a new beamline a beamline scientist wants to learn about different techniques both in design and installation of beamlines. The scientist joins one of the build-up projects ongoing at MAX IV.”
- “A specialist on a subsystem of the accelerator wants to gain additional knowledge and joins a period of installation and commissioning.”

How to apply

The application should be sent to: MAX IV Laboratory, att. Sverker Werin, P.O. Box 118, SE-221 00 Lund, Sweden or email: sverker.werin@maxlab.lu.se (Note! Applications should NOT be sent to the Swedish Institute).

There is no deadline for applications. Applications will be evaluated and awarded continuously until the program is full.

The application should contain

- Main application including a project plan (approx 2 pages)
- CV
- Publication list
- References (name and email)

The application will be evaluated and scholarships awarded according to the criteria below. Consider these carefully when preparing the application.

- Project within relevant field
- Scientific qualifications
- Scientific references
- Project possible in Sweden and a suitable research group available
- Project plan and goal with the stay
- Ambition and possibility to develop projects towards SESAME
- An equal gender balance among the scholarship holders