

2 PhD-positions within micro- and nanotechnology at NTNU - Announcement

The Rector of NTNU has allocated 2 PhD-positions to the area of micro- and nanotechnology, with one year of duty work at NTNU NanoLab. Permanent scientific staff at NTNU are hereby invited to submit research proposals describing how these positions can be used successfully to reach the goals of NTNU. The proposals will be evaluated according to the following criteria:

- Proposals must require significant use of the advanced infrastructure within NTNU NanoLab for fabrication and characterization.. This is a prerequisite for a successful application.
- Proposals that align with the current need of NanoLab duty worker allocation will be prioritized. For 2025, projects are sought that will contribute to process development and competence building on the following equipment:
 - EBL & Lithography (strongly desired)
 - FIB / SEM (strongly desired)
 - Thin film fabrication and dry etching equipment (desired)
- The proposed projects must have the potential to yield high-level publications and serve as a basis for a research program or innovation that will attract substantial external funding or investment in the near term.
 - The proposals must identify how the successful applicant plans to obtain subsequent grant funding to further their research proposal as a result of the PhD position. Alternatively, for innovation projects, the applicants should describe the business case and how further funding will be obtained to bring the product to market.
- Proposals addressing topics that require significant interaction between several scientific groups at NTNU will be given particular attention.
- Proposals that align with the goals of the EU chip act should highlight how the research output could support the activities of CC-NorChip and will be given particular attention.
- Supported projects will be evaluated according to the aims and measures of success listed in the application following completion.

The research proposals must be registered electronically by 23.59 Monday, March 3rd, 2025.

https://s.ntnu.no/NanoPhD_2025

The project description must be uploaded in the electronic application form using the required form.

Questions regarding the announcement process may be sent to hanna.gautun@ntnu.no.