



Registration open: Myfab and NorFab User Meeting 2013 Ångström Laboratory, Uppsala 17-18 April

You are hereby welcomed to attend and contribute to the Myfab and NorFab User Meeting 2013 at the Ångström Laboratory, Uppsala University, 17 – 18 April.

This is the first joint user meeting of NorFab and Myfab, our Swedish equivalent and all users of our facilities are invited. The focus of this meeting is a practical approach to cleanroom research. We look forward to two days of interesting presentations, technical seminars on selected techniques, presentations of your work at the poster session and a visit to the Ångström Microstructure Laboratory (see the attached preliminary program).

NorFab and the PhD network on Nanotechnology for Microsystems cover the costs for conference expenses and the conference dinner (value 2.000NOK / participant).

Members of the Norwegian PhD Network should apply separately for travel support from the network to cover conference fee and travel expenses up to 3.000 NOK. **Deadline for application to the Norwegian PhD Network on Nanotechnology for Microsystems is 20.02.2013.** <http://www.nano-network.net>

The other Norwegian participants should apply for NorFab support up to 3.000 NOK to cover documented travel expenses.

Be quick, the amount of funding is limited and will be assigned according to the registration order! We can also assist you with accommodation for the meeting. A need for support and accommodation should be marked on the registration form. **Registration will close on 28. February 2012.**

Register here: <https://ime.wufoo.com/forms/enrollment-form-for-user-meeting-in- uppsala/>

QUESTIONS/CONTACT

Questions about the user meeting should be directed to the NorFab coordinator:

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We look forward to meeting you!
Thomas Swahn, Director Myfab and Kay Gastinger, Director NorFab



Myfab and NorFab User Meeting 2013 Program

Wednesday April 17

- 10:00 Registration and coffee
Sign up for lab tours, mounting of posters
- 10:30 - 11:00 Thomas Swahn and Kay Gastinger, presentation of Myfab and NorFab
- 11:00 - 11:30 Aron Stein, Center for Functional Nanomaterials at Brookhaven National Laboratory
Electron Beam Lithography for Synchrotron Applications
- 11.30 - 12:00 Rainer Adelung , Christian-Albrechts-University Kiel
"ZnO based nanomaterials"
- 12:00 - 13.15 Lunch and poster session
- 13:15 - 16:30 Thematic seminars
The thematic seminars consist of 40-minutes presentations + time for questions and discussion. The presentations aim to educate in techniques and tools with a practical approach. The themes of the thematic seminars are:
- | | |
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| <p>Materials Analysis and Characterisation
<i>Electron, ion beam and probing technologies will be reviewed in tutorial presentations. Most of this is available within our infrastructures and instructive examples will be given. Some outlook into new technologies and possibilities will also be presented.</i></p> | <p>Thin film technologies
<i>The choice of method for deposition of thin films will eventually determine the properties of the final device. Some key methods for thin film deposition, available within our infrastructures, will be described in detail. Both technology and device examples will be given.</i></p> |
| <p>Etching Technologies
<i>An historic overview, with present status and development trends will be followed by seminars devoted to specific technologies or materials. The presentations should give some knowledge about strong areas at the various sites within our infrastructures.</i></p> | <p>Lithography
<i>Tutorial presentations about electron beam lithography, stepper and contact lithography, imprint and resist technology. The presentations should also include an overview of the available technologies at the various infrastructures.</i></p> |
- 15:00 – 15:30 Coffee
- 16:30-18:00 Poster session and lab tours
Lab tours start at the registration desk at 16:30-16:50, 16:50-17:10, 17:10-17:30, 17:30-17:50
- 19:00 Dinner at Norrlands Nation, Västra Ågatan 14, Uppsala



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Thursday April 18

- 09:00 – 11:00 Thematic seminars
*The thematic seminars consist of 40-minutes presentations + time for questions and discussion. The presentations aim to educate in techniques and tools with a practical approach.
The themes of the thematic seminars are: Analysis, Thin film technologies, Lithography and Etching technology*
- 11:00 - 12:30 Lunch and coffee
- 12:30 – 13:45 Academic and entrepreneurial exploitation – two inspiring presentations
This session consists of two 45-minutes presentations + time for questions and discussion. The presentations aim to inspire Myfab users primarily in their early stages of their carriers, to be an eye openers, and to invite to active participation with questions. Both speakers have a long track-record of success from their fields, and will present examples and real-life proven advise which might take you further in your career.
- 12:30-13.10 Bo Hammarlund, "Cutting Edge Technology Startup process", Siegbahnsalen
Bo Hammarlund , civ .ing (KTH '82) Optoelectronic materials R&D , Inter'l B2B Sales and Marketing , Entrepreneur since 2005 (co-founder in TranSiC (sold 2010 to Fairchild Semiconductors), SenSiC, Scint-X, SensAbues , Ascatron, Nocilis Materials, Epiclarus, SenseM, Polly Power, EN3AD)
- 13:10 - 13:45 Joseph Gorman, "Successful launch of European projects ", Siegbahnsalen
Senior scientist in SINTEF ICT
- 13:45 – 14:15 Andreas Vogl, SINTEF ICT, "piezoMEMS with thin-film PZT - A key enabling technology", Siegbahnsalen
- 14:15 - 14:40 Coffee
- 14:40 - 15:10 Christoph Quitmann, Director Max IV Lab, Siegbahnsalen
- 15:10 - 15:15 Concluding remarks



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