



Nordic Nanolab User Meeting 2017 – NNUM 2017

May 9-10 in Trondheim, Norway

Preliminary program

Tuesday 9 May

10:30 Registration and coffee

11:30 **Lunch**

12:30 **Welcome**

12:40 *Artificial Atoms and Their Interactions with Light and Sound*, Per Delsing, Chalmers

13:30 **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.

	Analysis	Thin Film technologies	Etching technologies	Lithography
13:30	FIB/SEM Alexander Mosberg (NTNU)	ALD, Yong-Ben (KTH)	Vacuum technology, Henrik Frederiksen (Chalmers)	Lithography overview, Thomas Anhøj (DTU)
14:30	XPS, Erik Lewin (Uppsala)	Electro plating, Reza Jaffari Jam (Lund)	Cryo etching (not confirmed)	Nanoimprint lithography or NIL, Helmut Schiff (Paul Scherer institute)

15:20 **Coffee**

15:50	Electron microscopy, Fei Ye (KTH)	Pyrolysis of resist, Stefan Keller (DTU)	Reactive ion etching, Berit Geilman Herstrøm (DTU)	Maskless lithography (not confirmed)
-------	-----------------------------------	--	--	--------------------------------------

16:40 **Poster session /lab tours**

19:30 **Conference dinner**

Wednesday 10 May

09:00 *Fabrication of 3D fractal silicon nanostructures*, Henri Jansen, DTU

10:00 **Thematic seminars**

	Analysis	Thin Film technologies	Etching technologies	Lithography
10:00	Profilometry (not confirmed)	PVD, Kristin Bergum (UiO)	Nanoetching, Dmitry Suyatin (Lund)	E-beam Lithography, Marcus Rommel, Chalmers (not confirmed)

10:50 **Coffee**

11:20	Micro Raman (not confirmed)	Epitaxial growth, Mattias Hammar (KTH)	DRIE, Anand Summanwar (Chalmers)	Ice Lithography, William Tiddi (DTU)
-------	-----------------------------	--	----------------------------------	--------------------------------------

12:10 **Lunch**

13:10	Thin film characterisation, Klaus Magnus Johansen (UiO)	Surface functionalisation, Peter Köllensperger (NTNU)	Ion Beam Etching, Mats Hagberg (Chalmers)	Step & Stamp, Stepper Imprint Technology, Tomi Haatainen (VTT) (not confirmed)
-------	---	---	---	--

14:10 *Invited speaker*

15:00 *Invited speaker*

15:50 **Wrap up**

