

# PhD Summer School: Micro- and Nano Sensors 2015

## Program

Week 1	Monday 17/8	Tuesday 18/8	Wednesday 19/8	Thursday 20/8	Friday 21/8
8:30 AM	<b>Welcome - Breakfast</b> Bldg. 344, room 105				
9:00 AM	<b>Welcome - practicalities</b> Bldg. 344, room 105	<b>Noemi Rozlosnik:</b> Micro- and Nanofabrication and Conductive polymers Bldg. 344, room 105	<b>Anja Boisen:</b> Cantilever-like sensors and nano pillars and discs Bldg. 344, room 105	<b>Maria Dimaki</b> Silicon Nano wire and impedance bio sensors Bldg. 344, room 105	<b>Group work</b> Danchip Cleanroom
10:00 AM	<b>Anthony Turner, University of Linköping:</b> Introduction to Biosensors Bldg. 344, room 105	<b>Thomas S. Hansen,</b> Radiometer: Industry perspective Bldg. 344, room 105	<b>Lab visits:</b> Injection moulder, milling, cell, chip prep.	<b>Michael Bache, Noemi Rozlos- nik, Maria Dimaki:</b> Surface Chemistry Lecture Bldg. 344, room 105	
12:00 AM	<b>Lunch</b> Bldg. 344, room 105	<b>Lunch</b> Bldg. 344, room 105	<b>Lunch</b> Bldg. 344, room 105	<b>Lunch</b> Bldg. 344, room 105	<b>Lunch</b> Bldg. 344, room 105
1:00 PM	<b>Cleanroom safety course</b> Danchip, bldg. 346	<b>Go through project plan - Group work - cleanroom</b> Bldg. 344, room 105	<b>Group work</b> Danchip Cleanroom	<b>Group work</b> Danchip Cleanroom	<b>Group work</b> Danchip Cleanroom
3:00 PM	IT Support, bldg. 344, room 105 <b>Shotgun presentations</b> (30 sec, 1 slide) & Poster session of own research. Bldg. 344, room 105				<b>Social activities:</b> Departure by bus at 15:00. The bus departs from the stairs by Asmussens Alle.
4:00 PM	<b>Pizza party</b> Bldg. 344, room 105				Scenic boattrip around the canals in Copenhagen and dinner at Restaurant "Påfuglen" in Tivoli Gardens" at 18:30

Please note some days may be longer than indicated in the program



Lectures



Group work



Social events

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## Program

Week 2	Monday 24/8	Tuesday 25/8	Wednesday 26/8	Thursday 27/8	Friday 28/8
9:00 AM	<b>Start-up perspective</b> Robert Burger - BluSense Diagnostics Gustav Skands - SBT Aqua Noemi Rosloznik - FluSense Bldg 344, room 105	<b>Group work - Sensing</b> Bldg. 344, room 105	<b>Group work - Sensing</b> Bldg. 344, room 105	<b>Group work - Report writing</b> Bldg. 344, room 105	<b>Group presentations; SWOT of sensors; Feedback</b> Bldg. 344, room 105
11:00 AM	<b>Group work - Sensing</b> Bldg. 344, room 105				
12:15 AM	<b>Lunch</b> Bldg. 344, room 105	<b>Lunch</b> Cafeteria bldg. 342	<b>Lunch</b> Cafeteria bldg. 342	<b>Lunch</b> Cafeteria bldg. 342	<b>Social event:</b> Farewell barbecue in the courtyard at DTU Nanotech.
1:15 PM	<b>Group work - Sensing</b> Bldg. 344, room 105	<b>Group work - Sensing</b> Bldg. 344, room 105	<b>Group work - Sensing</b> Bldg. 344, room 105	<b>Group work - Report writing</b> Bldg. 344, room 105	
3:00 PM					
4:00 PM				<b>Deadline: Hand in report</b> 4:00 PM	

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Lectures
  Group work
  Social events