

## Research areas for projects / master thesis for NTNU-DTU

NTNU, Responsible prof., department	DTU, Second supervisor, department	Research area
Gabiella Tranell Merete Tangstad Department of Material Science and Engineering	Ole Hansen, <a href="mailto:ole.hansen@nanotech.dtu.dk">ole.hansen@nanotech.dtu.dk</a> , DTU Nanotech	<u>Si feedstock</u> Si production and SoG-Si Refining
Marisa Di Sabatino Lundberg Department of Material Science and Engineering	Ole Hansen, <a href="mailto:ole.hansen@nanotech.dtu.dk">ole.hansen@nanotech.dtu.dk</a> , DTU Nanotech Jørgen Schou, <a href="mailto:josc@fotonik.dtu.dk">josc@fotonik.dtu.dk</a> , DTU Fotonik Jacob Bowen <a href="mailto:jrbo@dtu.dk">jrbo@dtu.dk</a> (electron microscopy), DTU Energy	<u>Crystallization</u> Material properties Characterization Wafering
Mari-Ann Einarsrud Fride Vullum-Bruer Department of Material Science and Engineering	Ole Hansen, <a href="mailto:ole.hansen@nanotech.dtu.dk">ole.hansen@nanotech.dtu.dk</a> , DTU Nanotech Jørgen Schou, <a href="mailto:josc@fotonik.dtu.dk">josc@fotonik.dtu.dk</a> , DTU Fotonik Sara Engberg, <a href="mailto:sleen@fotonik.dtu.dk">sleen@fotonik.dtu.dk</a> , DTU Fotonik.dtu.dk Brian Seger, <a href="mailto:brse@fysik.dtu.dk">brse@fysik.dtu.dk</a> , DTU Physics	<u>Wet chemistry/sol gel</u> TCO, nanoparticles Intermediate band materials
Turid W. Reenaas Ursula Gibson Randi Holmestad Ton Helvoort  Morten Kildemo Mikael Lindgren Ingve Simonsen, Department of Physics	Ole Hansen, <a href="mailto:ole.hansen@nanotech.dtu.dk">ole.hansen@nanotech.dtu.dk</a> , DTU Nanotech Stela Canulescu, <a href="mailto:stec@fotonik.dtu.dk">stec@fotonik.dtu.dk</a> , DTU Fotonik Sara Engberg, <a href="mailto:sleen@fotonik.dtu.dk">sleen@fotonik.dtu.dk</a> , DTU Fotonik, Jørgen Schou, <a href="mailto:josc@fotonik.dtu.dk">josc@fotonik.dtu.dk</a> , DTU Fotonik Jacob Bowen, <a href="mailto:jrbo@dtu.dk">jrbo@dtu.dk</a> (electron microscopy), DTU Energy Brian Seger, <a href="mailto:brse@fysik.dtu.dk">brse@fysik.dtu.dk</a> , DTU Physics	<u>Thin film/third generation solar cells</u> Intermediate band solar cells Thin film/Intermediate band solar cells TEM characterization Optical characterization Modeling light/matter interaction
Bjørn-Ove Fimland  Helge Weman Department of Electronics and Telecommunications	Ole Hansen, <a href="mailto:ole.hansen@nanotech.dtu.dk">ole.hansen@nanotech.dtu.dk</a> , DTU Nanotech Stela Canulescu, <a href="mailto:stec@fotonik.dtu.dk">stec@fotonik.dtu.dk</a> , DTU Fotonik	<u>III-V solar cells</u> Nanowire and intermediate band solar cells Nanowire solar cells
	Sune Thorsteinsson, <a href="mailto:sunth@fotonik.dtu.dk">sunth@fotonik.dtu.dk</a> , DTU Fotonik. Jørgen Schou, <a href="mailto:josc@fotonik.dtu.dk">josc@fotonik.dtu.dk</a>	Modules Deployment BIPV