



Technical University
of Denmark

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Vækstforum
Hovedstaden



DTU Energy Conversion 2nd International PhD Summer School

25th-29th August 2014

<http://www.ecs.dtu.dk/phdsummerschool>

Venue

Five days all inclusive summer school at Toruplund
Conference Center on the north coast of Sjælland

<http://www.toruplund.dk>

One full day imaging experiments at DTU

<http://ecs.dtu.dk>

Key dates

PhD School

Arrival 24th August 2014 (evening), departure 29th August 2014 (afternoon)

Registration (NB: Limited number of participants)

<http://www.ecs.dtu.dk/phdsummerschool>

By: 15th August 2014 (NB: Extended deadline)

Poster Abstracts

By: 25th July 2014

Fee: 1100 € all inclusive (PhD students), 1400 € (others)

IMAGINE:

Methods in Imaging of Energy Material Microstructure

Still a few seats
available!

Electron, ion, neutron & X-ray imaging
2.5 ECTS points

Register on the Summer School home page





Topics

Imaging of energy material microstructure

Methods	Lecturer
X-ray: absorption, diffraction, & SAXS tomography, nanotomography, ptychography	Federica Marone (SLS) Manuel Guizar-Sicairos (SLS) Wilson Chiu (Univ. Connecticut) Markus Weigand (Bessy, Max-Planck) Erik Mejdal Lauridsen (Xnovo Technologies)
TEM tomography, 3D OMiTEM	Søren Schmidt (DTU)
FIB-SEM tomography	Jacob Bowen (DTU)
3D Image reconstruction microstructure simulation	Rasmus Larsen, Anders Dahl (DTU)
Neutron tomography	Markus Strobl (ESS)
Helium ion microscopy	David Joy (Univ. Tennessee)
Tof-SIMS	Kion Norrman (DTU)

Learning experience

Lectures by international experts
Interactive presentation sessions and group work
Hands-on imaging experience
Poster presentation of your research
Feedback on your project

