

# NordNET Autumn School: Modeling Energy System Integration and Sustainable Transport

Venue: NTNU, Room 326, Hovedbygningen, Høgskoleingen 1, 7034 Trondheim, June 15-19, 2026



	Monday (15.06.) ESM across sectors		Tuesday (16.06.) ESM across sectors		Wednesday (17.06.) Industry		Thursday (18.06.) Transportation		Friday (19.06.) Market Design	
09:00 - 12:00	Introduction  PyPSA Building an energy system model with a focus on electricity	NordNET  Fabian Neumann & Bobby Xiong (TU Berlin)	PyPSA A hands-on application case	Lisa Zeyen & Daniel Rüdert (OET)	Industry Transformation (energy-intensive segments)	Christian Breyer (LUT)	Transport Macro (transport sector overview, modelling characteristics of transport systems etc.)	Sonia Yeh (CTH)	Market Design Modeling (modeling and assessing market designs, policies, and regulations)	Mette Bjørndal (NHH)
	<b>Lunch</b>		<b>Lunch</b>		<b>Lunch (until 13:00)</b>		<b>Lunch</b>		<b>Lunch</b>	
13:30 - 16:30	PyPSA Sector integration and data for energy system modeling	Fabian Neumann & Bobby Xiong (TU Berlin)	Energy Hubs (conversion technologies, sector integration, green fuels etc.)	Jens Weibezahn & Johannes Giehl (CBS)	<b>Excursion (starting 13:00) SINTEF Hydrogen and Fuel Cell Lab &amp; SINTEF CO<sub>2</sub> Lab (by public transportation)</b>		Transport Micro (batteries, EVs, charging infrastructure etc.)	Mattia Marinelli (DTU Wind)	Market Design Modeling (modeling and assessing market designs, policies, and regulations)	Dogan Keles (DTU Man) & Lissy Langer (DTU Wind)
18:00	<b>Dinner</b> Egon Tyholtårnet Otto Nielsens veg 4, 7052 Trondheim		<b>Dinner</b> Nyhavna - Héctor Food & Fiesta Tmv-kaia 25, 7042 Trondheim, Norway		<b>Dinner</b> Kvilhaugen Gård Blussuvollsbakken 20, 7052 Trondheim		<b>Dinner</b> Alma's Kongens gate 19, 7012 Trondheim		<b>Dinner</b>	

## General Information

The course takes place at NTNU Trondheim in room 326 of the Hovedbygning (main building), Høgskoleingen 1, 7034 Trondheim. Lunches will be served on campus.

Dinners take place at different restaurants throughout town (see schedule).

Accommodation is at Comfort Hotel Park, Prinsensgate 4a, 7012 Trondheim. Rooms are pre-assigned according to your booking. Breakfast is included.

All locations are within walking/bus distance in central Trondheim, except for the excursion on Wednesday, where we will take public transportation together.

