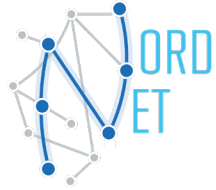


Modelling Energy System Integration and Sustainable Transport

NordNET Autumn School for PhDs



NordNET is organising an autumn school for PhD students on energy system modelling, focusing on energy system integration and sustainable transport.

The school targets PhD students who have a basic understanding of system modelling or wish for an intense introduction to it. During the course, the students will work through the following theories and topics:

- Sector integration in energy system models
- Heat modelling
- Green gases, electrolyser modelling, gas networks and markets
- Energy hubs, conversion technologies, and green fuels
- Modelling transport and the characteristics of transport systems
- Batteries, electric vehicles, and charging infrastructure
- Modelling and assessing market designs, policies, and regulations

The course will end with a field trip.

Students are asked to hand in small exercise sheets at the end of each day and can receive a certificate equivalent to 5 ECTS.

When and where? 21. – 24. October 2024 in Gothenburg, Sweden.

Who? All interested PhD students.

How? Apply by May 31, 2024, [here](#).

The teachers:

- Prof. Anne Neumann (NTNU)
- Prof. Endre Bjørndal (NHH)
- Prof. Mattia Marinelli (DTU)
- Prof. Mette Bjørndal (NHH)
- Prof. Sonia Yeh (Chalmers)
- Fabian Neumann (TU Berlin)
- Alexandra Lüth (CBS), Hongyu Zhang (NTNU), Jens Weibezahn (CBS), Lissy Langer (DTU)



Note: *the course is free of charge and includes accommodation and meals. Travel to/from Gothenburg must be paid by the student.*



More information incl. lecture details can be found on csei.eu/event/nordnet-autumn-school-2024/. For questions, please contact Alexandra Lüth (al.eco@cbs.dk) or Jens Weibezahn (jew.eco@cbs.dk).