

## EPT Day 2022 - Energy and Process Engineering for a better world



Industry, employees and students are invited to a one-day seminar on future-focused research, education and career paths at NTNU - Department of Energy and Process Engineering (EPT)

- **When:** 1<sup>st</sup> December, 09:00-15:30
- **Where:** [KJEL 1 in Kjelhuset, Kolbjørn Hejes vei 1E, Trondheim](#)
- **Lunch** is served to pre-registered guests (first come, first served)
- **For:** all, with a special invitation to students, alumni, industry and employees
- **Cost:** free

Learn about our latest ground-breaking research ranging from reducing airplane emissions to reducing marine plastic, and hear about the green career paths of our former students.

### Programme

#### Part 1: Future-focused research at EPT

09:00-10:00



- Welcome. [Terese Løvås](#), Head of Department
- Whales, waste and sea walnuts. [Philip Gjedde](#), PhD candidate
- Thermoacoustic instabilities in annular combustors. [Nicholas Worth](#), Professor
- Flows and turbulence. [Simen Ådnøy Ellingsen](#), Professor
  - From the surface to the deep: small flows that mix the upper ocean, studied in the lab.
  - Breaking through: The impact of turbulence on the gas-liquid interface.

- 10:00-10:30: break -

10:30-12:00



- Climate change mitigation in the transport sector: Results from the latest IPCC report. [Anders Hammer Strømman](#), Professor

- Hydropower in the future energy system. [Liv Randi Hultgreen](#), Executive Director in FME HydroCen
- Energy efficiency: ensuring that Norway has the world's greenest industries. [Armin Hafner](#), Professor
- Energy efficiency vs. Pandemics. Do we need ventilation? [Hans Martin Mathisen](#)
- **Panel discussion: Batteries from small to large. What are the main challenges to carry out “the Norwegian battery adventure”?**
  - [Odne Burheim](#), Professor
  - [Anders Hammer Strømman](#), Professor
  - [Liv Randi Hultgreen](#), Executive Director in FME HydroCen
  - [Steven Boles](#), Professor

- 12:00-13:00: Lunch and networking -

## Part 2: Green career paths: stories from EPT alumni (BSc, MSc, PhD)

13:00-14:15



- Introduction. [Natasa Nord](#), Professor and Deputy Head of Education
- Sustainable Energy in practice at EPT. Nina Borsheim, Jørgen Haugum, Silvia Athisayamohan and Sindre Ertzgaard Solvang, students at NTNU - MSc in Mechanical Engineering.
- Kjersti Røkenes, Senior Management Consultant - Renewables, [Cegal AS](#). EPT Alumn (see [PhD thesis](#))
- Bjørn Thorud, CTO Solar Energy, [Aneo](#). EPT Alumn (see [PhD thesis](#))
- Carine Lausset, Research Manager, [SINTEF Community](#). EPT Alumn (see [PhD thesis](#))
- Ivar Stoltenberg Tryggestad, Sivilingeniør, [COWI](#). EPT Alumn (see [MSc thesis](#))

- 14:15-14:30: break -

14:30-15:30



- Ask Ibsen Lindal, Head of Analysis & Consultancy, [Bryte Batteries](#). NTNU Alumn
- Sandra Alstad, Sales, Maritime & Offshore Vessels, [Siemens Energy](#). NTNU Alumn
- Rune Lillethun Hoggen, Seniorrådgiver industri, [Multiconsult](#). EPT Alumn
- Hanne Kauko, Senior Research Scientist, [SINTEF Energy](#). EPT Alumn (See [PhD thesis](#))
- **Panel discussion: Making the right choice: Bachelor's, Master's or PhD Degree?**
  - Kjersti Røkenes, Cegal
  - Ask Ibsen Lindal, Bryte Batteries
  - Sandra Alstad, Siemens Energy
  - Moderator: [Armin Hafner](#), Professor
- Summing up by [Terese Løvås](#), Head of Department.

## Stands

During the breaks you will find these stands in the crowd area outside the lecture hall:

- Job prospects at EPT: what positions are available? Say hi to our HR personnel
- From thermal power to sustainability: Buy [EPT's history book](#) which covers the period from 1910 to 2020

## Contact persons

For questions about the programme: contact [Maren Agdestein](#)

For questions about registrations and practicalities: contact [Debbie Koreman](#)

This event is organized via [NTNU Alumni Energy and Process Engineering](#).

 [ept-event](#) [ept\\_alumni](#) [eptday2022](#) [eptday](#)

Også publisert i Innsida på:

EPT student Aktivitetskalender til NTNU Institutt for energi- og prosesssteknikk

1. des. 2022 kl. 09:00

**Hvor:** [KJEL1, Kjelhuset, Kolbjørn](#)

[Hejes vei 1E, Trondheim](#)

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Kunnskap for en bedre verden

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### Kontakt

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### Oppdag NTNU

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