



U N I V E R S I T E T E T I B E R G E N

Geophysical Institute, Faculty of Mathematics and Natural  
Sciences

Welcome to an Energy Lab event run by first year  
energy master students!

**Prof. Peter M Haugan**



UNIVERSITY OF BERGEN  
*Geophysical Institute*

# Study plan 2-year master

4	Thesis	Thesis	Thesis
3	Thesis	Thesis	Thesis
2	ENERGI210	Choice	Choice
1	ENERGI200	Choice	Choice

This event today run by volunteer ENERGI200 students



# Master programme in energy

## ***Energy technology***

- **Thermal machinery**
- **Electric power**
- **Photovoltaic**
- **Energy materials**
- **Safety in energy production**

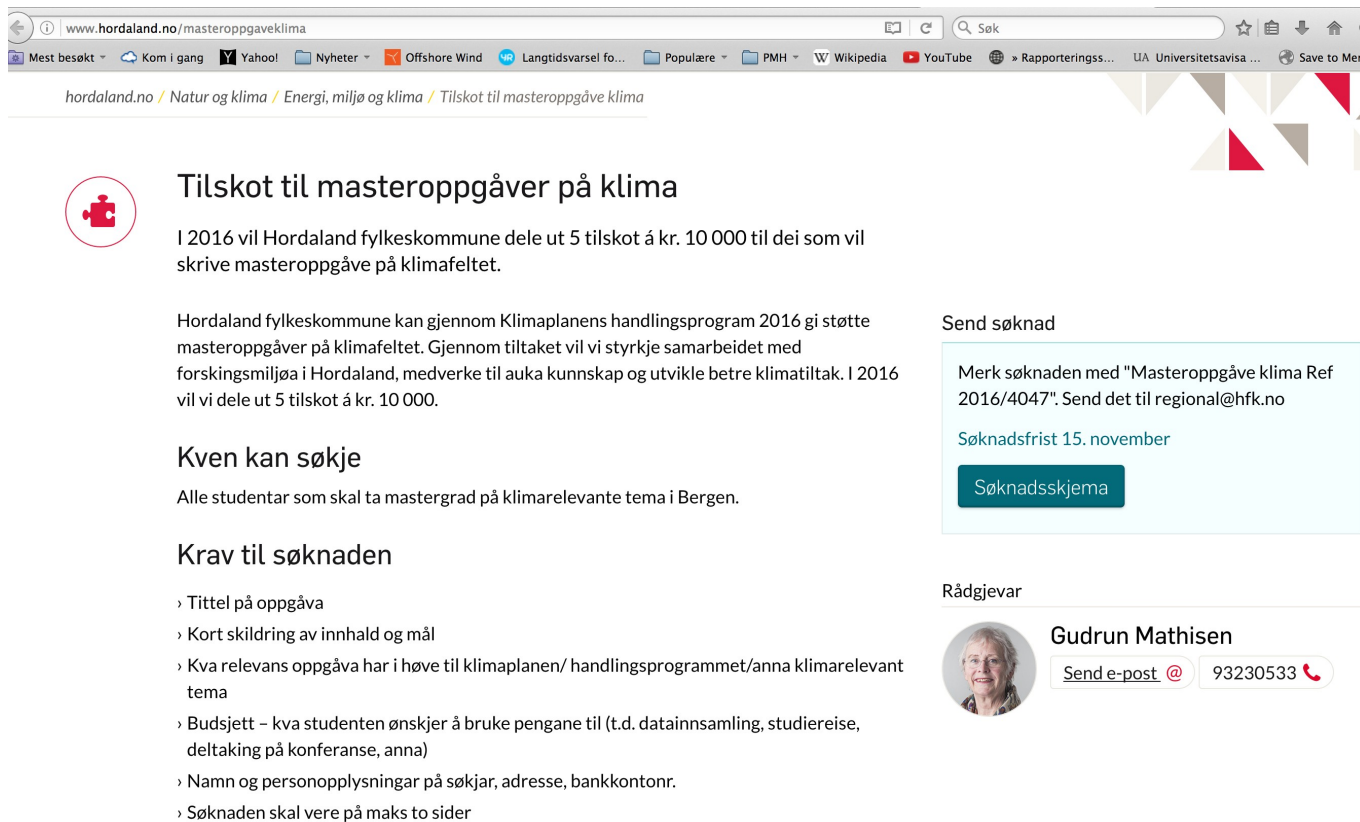
## ***Renewable energy***

- **Wind energy**
- **Ocean energy**
- **Geothermal energy**
- **Global energy and climate**
- **Environmental consequences**
- **Precipitation/snow/hydro power**
- **Solar energy**
- **Energy analysis and optimization**
- **Bio energy**



If you are interested in 10 000 kr support from Hordaland County Council, relate plan for master thesis to the Climate Action plan and apply:

[www.uib.no/en/energy/102130/grants-master-theses-climate](http://www.uib.no/en/energy/102130/grants-master-theses-climate)



The screenshot shows a web browser window with the URL [www.hordaland.no/masteroppgaveklima](http://www.hordaland.no/masteroppgaveklima). The page title is "Tilskot til masteroppgåver på klima". The main text states that in 2016, Hordaland county council will provide 5 grants of 10,000 kr to those who apply for a master's thesis on climate. It mentions that the grants are part of the climate action plan and are intended to support research and development of climate measures. A section titled "Kven kan søkje" (Who can apply) states that all students pursuing a master's degree on climate-relevant topics in Bergen are eligible. A "Send søknad" (Send application) button is visible, along with a "Søknadsfrist 15. november" (Application deadline 15. november) notice. A contact person, Gudrun Mathisen, is listed with a "Send e-post" (Send email) button and a phone number (93230533).

[www.hordaland.no/masteroppgaveklima](http://www.hordaland.no/masteroppgaveklima)

hordaland.no / Natur og klima / Energi, miljø og klima / Tilskot til masteroppgåve klima

## Tilskot til masteroppgåver på klima

I 2016 vil Hordaland fylkeskommune dele ut 5 tilskot á kr. 10 000 til dei som vil skrive masteroppgåve på klimafeltet.

Hordaland fylkeskommune kan gjennom Klimaplanens handlingsprogram 2016 gi støtte masteroppgåver på klimafeltet. Gjennom tiltaket vil vi styrkje samarbeidet med forskingsmiljøa i Hordaland, medverke til auka kunnskap og utvikle betre klimatiltak. I 2016 vil vi dele ut 5 tilskot á kr. 10 000.

### Kven kan søkje

Alle studentar som skal ta mastergrad på klimarelevante tema i Bergen.

### Krav til søknaden

- › Tittel på oppgåva
- › Kort skildring av innhald og mål
- › Kva relevans oppgåva har i høve til klimaplanen/ handlingsprogrammet/anna klimarelevant tema
- › Budsjett – kva studenten ønskjer å bruke pengane til (t.d. datainnsamling, studiereise, deltaking på konferanse, anna)
- › Namn og personopplysningar på søkjar, adresse, bankkontonr.
- › Søknaden skal vere på maks to sider


Send søknad

Merk søknaden med "Masteroppgåve klima Ref 2016/4047". Send det til [regional@hfk.no](mailto:regional@hfk.no)

Søknadsfrist 15. november

Søknadsskjema

Rådgjevar

 **Gudrun Mathisen**

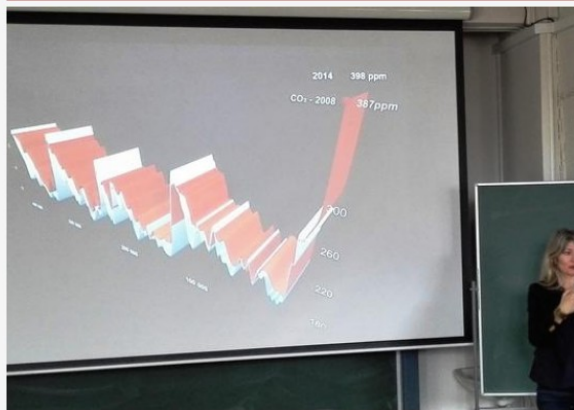
[Send e-post @](mailto:regional@hfk.no) 93230533

# Energy Lab meetings

Open forum for staff, students, ... everybody

<http://www.uib.no/en/energy>

NYHET



**EnergyLab 21st and 26th of April**

NYHET



**EnergyLab meeting, 15.03.2016**

NEWS



**Energy Lab opening, 16.02.2016**

Not yet signed up for the Energy Lab email list?

- Contact us at [energylab@uib.no](mailto:energylab@uib.no)

Or come to Helland-Hansen meeting room every Tuesday 12-13

Kristin Guldbrandsen Frøysa, Hans Kristian Ringkjøb

# Science Meets Industry Bergen

*- a meeting place for the  
offshore wind industry*

**November 8, 2016 at Grand  
Hotel Terminus, Bergen**

Norcowe in cooperation with GCE Subsea, NCE Maritime  
Cleantech, Bergen Næringsråd.  
Sponsored by Hordaland Fylkeskommune

- 8:30-09:30 Registration, coffee and tea
- 09:30 **The impact of NORCOWE for the offshore wind industry,**  
Kristin Guldbrandsen Frøysa, CMR
- The SCADA system for Hywind Scotland Pilot Park,**  
Jon Einar Skjeie Handeland, Origo Solutions
- Hywind oil and gas concept including battery storage,**  
Rajnish Sharma, Statoil
- Hywind Scotland - Marine operations,**  
Yngve Børstad, Technip
- Offshore wind energy in Norway,** Heikki Eidsvoll Holmås,  
MP The Socialist Left Party (SV)
- 11:30 Lunch
- 12:30 **The Offshore Boundary-Layer Observatory (OBLO) - possibilities  
for the offshore wind industry,** Peter M. Haugan, UiB
- Shared environmental models for planning of offshore wind farms  
- a case study of technology transfer from the petroleum industry,**  
Jan Tveranger, Uni Research
- Experience and Examples from a typical Route Survey,**  
Jens Detlev, DOF Subsea
- Simulation and Optimisation of the installation process for OWF,**  
Evangelos Boulougouris, University of Strathclyde
- Installation of jackets for Offshore Wind Turbines - pre-piled vs  
bucket foundations,** Per Sparrevik/Stephen Hayes, NGI
- Predictions of wave forces on jacket for offshore wind turbines,**  
Tron Solberg, Acona Flow Technology
- Ocean technology - from current technologies to new possibilities,**  
Muk Chen Ong, UiS
- Life on the offshore wind supply chain,**  
Willie Dawson, 3Sun group
- 15:30 End
- 16:00 Tapas and posters

***The conference is free of charge, but registration is mandatory.***

***Please register here ....***

Thanks to BKK for supporting the energy master  
and this event!

**Peter M Haugan**

[Peter.Haugan@uib.no](mailto:Peter.Haugan@uib.no)

46682114

Room 233 Main building



UNIVERSITETET I BERGEN