

IFT-Posten

Nytt fra Institutt for fysikk & teknologi
Universitet i Bergen

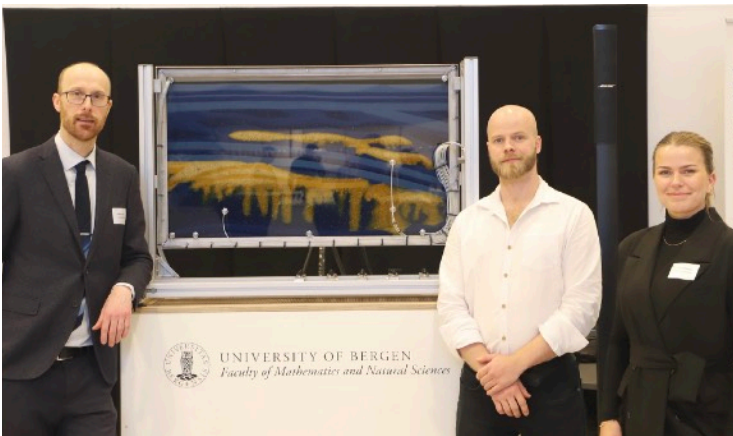
Instituttlederens leder

Tirsdag denne uken var det svært god stemning i Brussel forteller Charlotte Eide fra UiBs Brusselkontor! Det hun snakker om er arrangementet "[The Development of Carbon Capture and Storage in the European Economic Area](#)". Her var det storfint besøk av Norges energiminister Terje Aasland og Kadri Simson som er øverste sjef i EU på energifeltet, og i tillegg var selvfølgelig IFT representert med Martin Fernø og Kristoffer Eikehaug! Kris og Martin hadde på to ukers varsel fraktet [fluidflower](#)-modellen med seg fra Berlin til Brussel, og satte opp en live-demonstrasjon av hva som skjer når man injiserer CO₂ i havbunnen. De startet injeksjonen da møtet startet og simulert utviklingen over 1000 år ble vist på en diger skjerm under hele møtet. Dette er selvfølgelig veldig kult, men viser også hvordan forsker-gruppen i reservoar fysikk har posisjonert seg innen et viktig felt innen energirelatert forskning!

Ifølge Charlotte Eide var denne demonstrasjonen kalt "arrangementets høydepunkt" av Brussel-publikummet, og for oss er det en viktig påminning om viktigheten av å formidle forskningen bredt. Martin hadde selvfølgelig også en glimrende presentasjon som ble brukt som eksempel av flere talere gjennom arrangementet.

Før vi tar en riktig god helg er det fint å minne om at dere må huske å sende inn små og store saker om det vi driver på med ved IFT, enten det gjelder forskningen, undervisning eller formidling – eller noe annet spennende!

Ha en riktig god helg!
Kjetil



Overst, t.v.: Martin Fernø, IFT avdelingsingeniør Kristoffer Eikehaug og Charlotte Eide, Kontorsjef på UiBs Brusselkontor, står foran fluidflower-modellen.

T.v.: En stor skjerm i salen viser simulering av hva som skjer med CO₂ i havbunnen.



Overst, t.h.: Martin med Norges energiminister Terje Aasland og EU Commissioner Kadri Simson

Ukens publikasjoner (Web of Science)

Koestner, D., Stramski, D., Reynolds, R.A. (2024), Improved multivariable algorithms for estimating oceanic particulate organic carbon concentration from optical backscattering and chlorophyll-a measurements, *Front. Marine Sci.*, doi: 10.3389/fmars.2023.1197953

Haugen, M., Salo-Salgado, L., Eikehaug, K., Benali, B., ... Folkvord, O., ... Fernø, M.A. (2024), Physical Variability in Meter-Scale Laboratory CO₂ Injections in Faulted Geometries, *Transp. Porous Med.*, doi: 10.1007/s11242-023-02047-8

Koenig, Z., ... **Sandven, H.**, et al. (2024), From winter to late summer in the northwestern Barents Sea shelf: Impacts of seasonal progression of sea ice and upper ocean on nutrient and phytoplankton dynamics, *Prog. Oceanography*, doi: 10.1016/j.pocean.2023.103174

Xiu, S.F., ... **Oksavik, K.**, et al. (2024), Direct Observation of the Space Hurricane Disturbed Polar Thermosphere, *Geophys. Res. Ltrs.*, doi: 10.1029/2023GL106735

Buanes, T., Djuvsland, J., Eigen, G., Fomin, N., Lee, G.R., Lipniacka, A., Maeland, S., dit Latour, B.M., Stugu, B., Traeet, A., and the ATLAS Collaboration (2024), Measurement of the ttcross section and its ratio to the Z production cross \sqrt{s} section using pp collisions at $\sqrt{s}=13.6$ TeV with the ATLAS detector, *Phys. Ltrs. B*, doi: 10.1016/j.physletb.2023.138376

Prøveforelesning

Simon Walker

vil holde følgende prøveforelesning for PhD-graden med *oppgitt emne*:

Robert Oppenheimer and Nuclear Weapons

Tid: Fredag 16. februar 2024, kl 13:15

Sted: Auditorium 4, Realfagsbygget

Veiledere

Karl Magnus Laundal

Jone Reistad

Mark Spencer Hatch

Komité

Leder: Stein Dankert Kolstø

Medlem: Johannes Fiedler

Medlem: Tatiana Kuznetsova



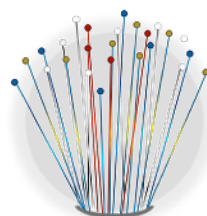
NETWORKING EVENT (NTNU, TRONDHEIM)

The primary objective of HySchool is to contribute to the global energy transition by enhancing the quality of Norwegian doctoral training on the use of hydrogen and hydrogen-based fuel as energy carriers in society. PhD students from all universities and university colleges in Norway can be admitted to HySchool, provided research on hydrogen and/or hydrogen-based fuels is an important part of the doctoral project.

[READ MORE HERE](#)

[REGISTER | DEADLINE: 31 JANUARY, 2024](#)

23-24 APR



Nordic Network for
Diversity in Physics

Annual NORNDiP Conference 2024

NORDIC NETWORK FOR DIVERSITY IN PHYSICS (NORNDIP) AIMS TO EMPHASIZE THE IMPORTANCE OF DIVERSITY AS A RESOURCE AND TO CREATE A VIBRANT NORDIC PHYSICS COMMUNITY FOR EVERYONE.

The conference will feature speakers from each of the Nordic countries presenting their research in various fields of physics, as well as speakers on gender and diversity topics. Young scientists particularly are encouraged to present their work.

[READ MORE HERE](#)

[REGISTRATION INFO TO COME](#)

07-08 MAY



Arrangementer



COURSE

How to Write a Competitive CV for the Industry?

The “industry” is everything that is not academia. The course will teach you how to develop customized resumes and how to tailor the cv for a position.

PLACE: STUDENTSENTERET, SEMINAR ROOM A

DEADLINE: 09.02 | 23:55

READ MORE

12 FEB (09:00 – 11:00)



SEMINAR

Tenth Anniversary Seminar

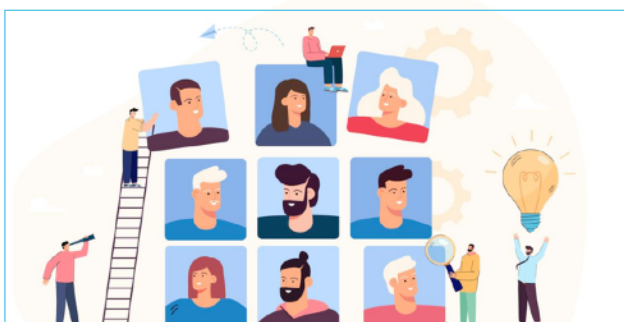
We will share some of what we have learnt through 10 years of educational development and educational research. The seminar will end with a reception with refreshments.

PLACE: UNIVERSITY AULA

REG. DEADLINE: 06 FEB | 12:00

READ MORE

6 MAR (12:00 – 17:00)



COURSE

Dual Career Seminar: Working and learning in Norway

The International Center at UiB (Euraxess office) and the UiB Ferd career center for early-stage researchers have teamed up to organize a free career seminar **for our international researchers' accompanying partners**. One of the challenges when you move to a new country as +ONE, is establishing your own career. How does the Norwegian labor market work? How do I find jobs?

REG. DEADLINE: 08. APR | 23:55

READ MORE

10 APR (09:00 – 12:00)



FERD CAREER CENTER FOR EARLY STAGE RESEARCHERS

COURSE

How to create a solid elevator pitch for job opportunities or academic advancement

An elevator pitch is a brief description of yourself and/or your research. It should be so short that you have enough time to give an impression of yourself, while also being short, preferably no more than 30-60 seconds. It is important to have a plan and to have practiced in advance.


REG. DEADLINE: 11 March, 2024 | 23:59

READ MORE & REGISTER

13 MAR



Utlysninger



Momentum

CAREER

Career Development Program for Early Stage Researchers

Momentum is UiB's flagship development program for early stage researchers – postdocs, researchers or associate professors – who wish to pursue an academic career at a research university.

The Momentum Program includes five seminars, planned to run between September 2024 and June 2025.

[READ MORE HERE](#)

[OPEN CALL FOR APPLICATIONS](#)

DEADLINE: 22 MARCH, 17:00



Direktoratet for
høyere utdanning
og kompetanse

UTFORSK 2024 – Call

The Norwegian Directorate for Higher Education and Skills announces up to NOK 90 million in funding to educational partnerships between higher educ. institutions in Norway and Brazil, Canada, China, India, Japan, South Africa, South Korea, and the United States of America (USA).

APPL DEADLINES: 15 APR, 2024 | 12:00 CET
[READ MORE](#) | [APPLY](#)
[MORE INFO](#)



Erasmus Mundus Joint Masters (organisations) | Erasmus+ (europa.eu)

Erasmus Mundus Joint Masters are high-level and integrated study programmes, at the Master's level. They are designed and delivered by an international partnership of higher education institutions. An EMJM involves at least three HEIs from three different countries, of which at least two must be EU Member States and third countries associated to the Programme (previously called Programme Countries)

APPL DEADLINE: 15 FEB, 2024 | 17:00 CET
[READ MORE](#) | [APPLY](#)



Fulbright Arctic Initiative IV (FAI IV)

The U.S. Department of State's Bureau of Educational and Cultural Affairs is pleased to announce the 4th round of the Fulbright Arctic Initiative (FAI IV) for scholars and professionals from the U.S. and the seven other Arctic Council member countries.

FAI IV will provide a platform for scholars from across the Arctic region to engage in collaborative thinking, analysis, problem-solving and multidisciplinary research in three main thematic areas:

- Climate Change and Arctic Resources
- Arctic Security and Governance
- Mental Health and Well-Being

For more information, and to check eligibility, [CLICK HERE](#).

APPL DEADLINES FOR NORWEGIAN SCHOLARS: MARCH 1, 2024

Nyttige lenker

IFT

- Nettsider for IFT
- Kontaktinfo for IFT-adm.
- Fagutvalget ved IFT / Facebook
- Fagutvalget for Havteknologi (Facebook)
- Tidligere utgaver av IFT-posten

UiB

- Gender Act – prosjekt for kulturendring & kjønnsbalanse
- HMS-portalen
- Ledige stillinger ved UiB
- Nye doktorgrader ved UiB
- Nyhetsbrev fra UiB Aktuelt
- UiBs ansattsider
- UiB nyttige lenker
- Universitetsbiblioteket Fysikk og Teknologi
- The UiB Magazine (English)

MatNat

- Alment om bibliotek for realfag
- Fakultetets nettsider
- Fakultetsstyret
- Fakultetets strategiplan

Tjenester

- Campusbussen
- Cristin (forskningsregister)
- LYDIA (transport)
- Nettavisen På Høyden
- Selvbetjeningsportalen (DFØ)
- Pubmed
- Telefonkatalogen (internt ved UiB)
- UiBhjelp
- UiB Tilgang (brukerkonto)

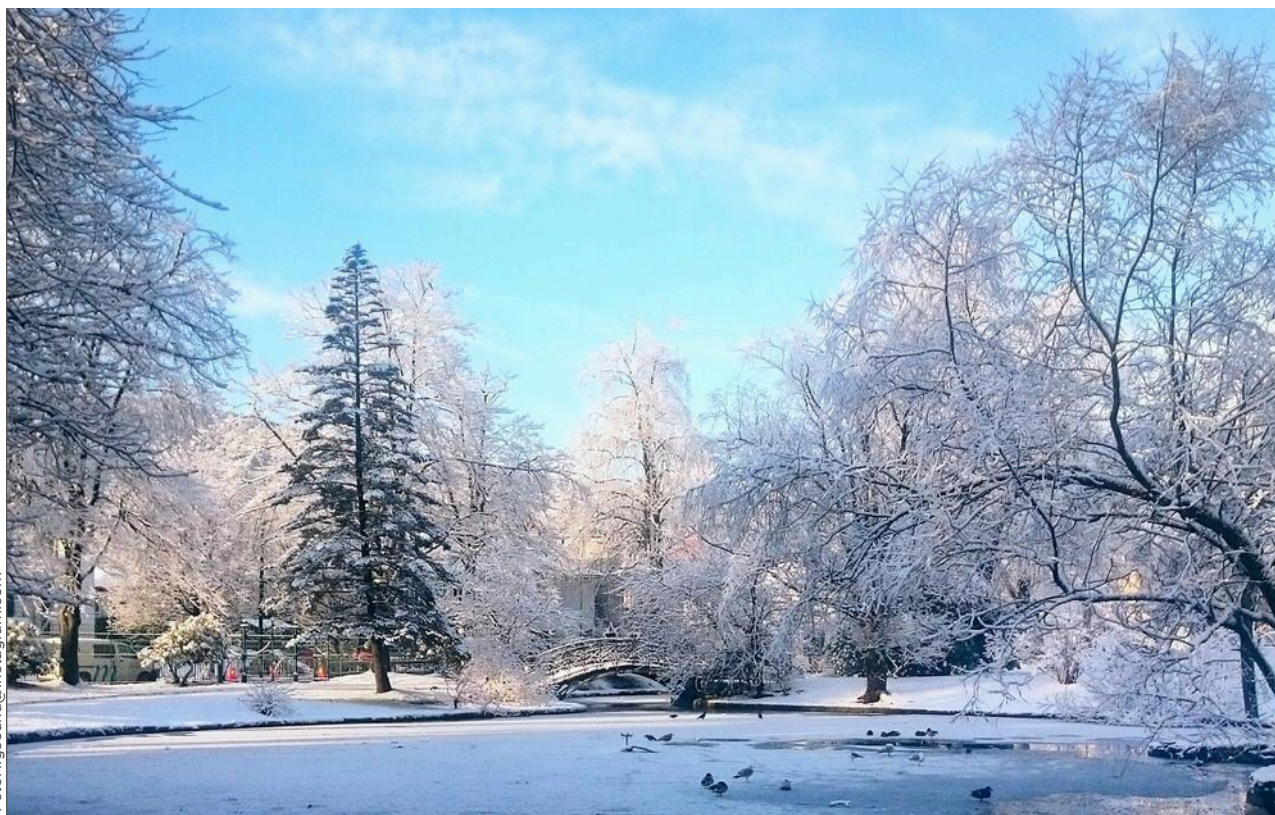


Foto: iigesund@instagram.com

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