

## NYHETSBREV

Geofysisk institutt  
Universitetet i Bergen



Juni 2022



### *Sommeren kommer! [ For English, please see below ]*

Da går vårsemesteret 2022 mot slutten; en kan daglig se studenter som sitter nervøse i trappen og fikler med mobilen mens de venter på å slippe til i Foredragssalen for muntlig eksamen. Lykke til til studenter, forelesere, veiledere og studieadministrasjon med avslutningen av semesteret! Takk til Elin, Silje, Emilie & Co som holder styr på det hele! For dem som nå fullfører et studium, er det BSc- og MSc-seremoni den 15. juni.

Og noen skal begynne med noe nytt. Etienne Cheynet, postdoc i Fornybar-gruppen og på BOW, har takket ja til tilbudet om stilling som førsteamanuensis innen havvind og bærekraft. Gratulerer Etienne, *chapeau!* Og gratulerer til oss. Etienne begynner formelt i sin nye stilling 1. juli.

Benjamin Pfeil er også i gang med noe nytt – i ny stilling på NHH for å bygge opp vitenskapelig data behandling der. Her har NHH gjort et kupp, dette er sjelden kompetanse. Benjamin fortsetter i en bistilling her, men jeg vil benytte anledningen til å takke Benjamin på vegne av Geofysen, Bjerknessenteret og utallige prosjektledere og andre for den innsatsen og nybrottsarbeidet han og Bjerknes Climate Data Center har gjort til nå, en aktivitet i stor grad bygget opp og holdt gående gjennom Benjamins utrettelige innsats.

Som tidligere nevnt her i nyhetsbrevet, det er flere som skal få ny tittel om ikke ny stilling. På torsdag 2. juni er den høytidelige seremonien for UiBs nye æresdoktorer i Aulaen, inkludert vår egen Fiamma Straneo. Bli med på VilVite fredag 3. juni kl. 1100 og opplev Fiamma live med *An oceanographer's journey to the edge of the Greenland Ice Sheet*.



En ting som nok vil komme klart fram av det foredraget, er at Fiamma og andre i felt ikke kommer langt uten en kompetent stab av teknikere rundt seg.

Og teknikerne reddet dagen (og ikke minst forberedelsene) for vår deltakelse på vårens store happening da vårt fakultet viste seg fram for byen befolkning inkludert kommende studenter i strålende solskinn på Marineholmen lørdag 23. april.

Tusen takk til Ailin, Fiona og alle andre som sørget for å vise fram Geofysen på en fantastisk måte!

*Gliders on display at Marineholmen. Photo: Fiona Elliott*



### Feiring av Arne Foldvik på GFI! *Foto: Tor Eldevik*

En som både har vært mye i felt og nytt godt av Geofysens kompetente stab av teknikere, er evigunge Arne Foldvik. Den 19. mai, i regi av Elin D og Tor G, fikk vi omsider feiret Arnes 90 (+2) års symposium. Det ble en strålende dag med både lokale helter og tilreisende – foredrag, hilsener og en middag som varte til etter et jeg var gått hjem...



Det går bra også andre steder på bygget. Jeg hadde for et par uker siden gleden av å være del av det årlige møtet til Nansensenterets vitenskapelige råd. Det er et imponerende nivå og allsidighet ved det som foregår hos vår gode nabo – både forskningsmessig og hva angår finansiering. En utfordring fra rådet til Nansensenteret og direktør Tore Furevik – og dermed også til oss – var i enda større grad å utnytte potensialet i å være samlokalisert med så mange relevant og gode samarbeidspartnere på Geofysen. Jeg vil følge opp dette sammen med Tore.

Apropos høyt vitenskapelig nivå og finansiering. På tross av dårlige tider hva angår den økonomiske tilstanden for vårt fakultet og dermed vår egen grunnbevilgning, er vår samlede finansielle situasjon OK. Dette først og fremst fordi vi – dere! (inkl Friederike & Co) – stadig lykkes med å få gode evalueringer av forskningsprosjekt og -team i konkurransen om eksternfinansiering av vår forskning (og nå også for utdanningsprosjekt).

Friederikes analyse for innvilgete prosjekt i 2021 viser flere interessante ting (inkl at ting som vanlig svinger fra et år til det neste, så vi skal være forsiktig med å generalisere for mye om innsats og strategi basert på dette). Vi hadde et, for oss, relativt svakt år knyttet til EU. Mens gjennomslaget hos NFR var nær all-time high. Den relative andelen innvilgete søknader totalt gikk marginalt ned fra 2020. Men på grunn av deres store innsats med flere søknader sendt inn, økte antallet innvilgete prosjekt vesentlig fra 15 i 2020 til 18 i 2021.

Takk – bra jobbet!

## *Summer's coming!*

The spring term 2022 is nearing its end, and students can daily be found sitting in the entrance hall stairs fiddling their mobile waiting to be let into *Foredragssalen* for their oral exams. Good luck students, lecturers, supervisors, and student admin with the conclusion of the semester! Thanks a lot, to Elin, Silje, Emilie & Co for keeping it all on track! For those now completing a study programme, the BSc- and MSc-ceremony will be June 15<sup>th</sup>.

And somebody will start something new. Etienne Cheynet, postdoc at BOW and in the Renewable Energy group, has accepted our offered position as associate professor in offshore wind and sustainability. Congratulations Etienne, *chapeau!* And congratulations to Geofysen in securing Etienne. He will formally take up his new position on July 1<sup>st</sup>.

Benjamin Pfeil is also starting something new – he's settling in a new position at NHH recruited to build up their capacity in scientific data management. NHH's has done well in this recruitment, this is rare and much sought-after competence. Benjamin maintains an adjoint position with us, but I will take this opportunity to thank Benjamin for his massive efforts over the years on behalf of Geofysen, the Bjerknes Centre and numerous project leaders and others in leading the Bjerknes Climate Data Center, an activity he has largely built up and maintained with impressive stamina and foresight.

As previously announced in this newsletter, others will also be bestowed with a new title (if not position). Thursday June 2<sup>nd</sup> is the pump-and-circumstance ceremony celebrating UiB's new honorary doctors, including our very own Fiamma Straneo. And remember to join us at VilVite on Friday June 3<sup>rd</sup> for Fiamma's tour de force *An oceanographer's journey to the edge of the Greenland Ice Sheet*.

One thing I anticipate will be clear from Fiamma's journey, is that neither Fiamma nor other field-based scientist get much done without a competent team of technicians. And our own technicians saved the day (and ever more important, the planning and preparations) for our participation in this spring's big outreach event at sunny Marineholmen April 23<sup>rd</sup>. Thanks a lot to Ailin, Fiona and everybody else that contributed to presenting Geofysen in a great way!

One that's both been much in the field and benefitted much from competent technicians at Geofysen, is the never-aging Arne Foldvik. On May 19<sup>th</sup>, aptly directed by Elin D and Tor G, we finally got to celebrate Arne's 90 (+2) years symposium. It was a great day in the company of both local heroes, and friends, former students, and colleagues flying in from exotic places including Oslo.

Things are going well also elsewhere in our building. A few weeks ago, I had the pleasure of being part of the Nansen Center's Scientific Council meeting. The level and versatility of what goes on at NERSC is really impressive, both academically and in terms of securing funding. One challenge from the council to NERSC and its director Tore Furevik – and this also thus applies to us – is further to capitalize on the potential of being collocated with other super-relevant people and institutions. I will make sure to follow up with Tore from our side.

Talking of scientific achievements and funding to be acknowledged. Despite the tight state of finances at our faculty, and our own basic funding suffering accordingly, GFI's total finances are still OK. This is first and foremost because we – you! (incl Friederike & Co) – remain successful in our proposed research and research teams being evaluated highly in the competition for external funding. (And now also including a project to improve our teaching.)

Friederike's analyses of 2021 show several things of interest (including that things simply vary from one year to the next, so don't overdo the inferential statistics in this). Last year, for us, turned out to be less successful in terms of securing EU funding. But the success-rate with NFR was close to all-time high. The total ratio of successful proposals went marginally down from 2020. But because of your massive effort in writing and submitting proposals, the increase in the number of proposals funded increased substantially – from 15 in 2020 to 18 in 2021.

*Thank you all for a job well done! Tor*



## Dekanbloggen – Gunn Mangerud

### Siste innlegg:

- Hvilke prioriteringer har denne regjeringen for norsk forskning?
- En seilas som oppfyller flere mål – samtidig
- Inkludering og mangfold er tett knyttet sammen
- Vi skal vise betydningen av realfagene gjennom å arrangere folkefest med kunnskap i sentrum
- Urovekkende at forskning svekkes

## Welcome to the Geophysical Institute!



### **Mari Forshaug Kolås**

From June 1, I will be substituting for Silje as a study consultant for the integrated and the ordinary master's program in Energy. I originally come from Ulvik, but moved to Bergen to study, and have a bachelor's degree in Biology, and a master's degree in Environmental Toxicology from the Department of Biology, as it was formerly called. In addition, I have two years of Economics and Administration from Høgskulen på Vestlandet. I have recently had a temporary position at the Department of Chemistry at MatNat. In this position I worked with administrative tasks related to the integrated master's program in Medical Technology, the bachelor's program in Nanotechnology and the master's program in Nanoscience. I have also worked at Akademika with sales of textbooks to students and staff while I studied at HVL. I look forward to getting to know you all!

## **Nuuk – the Greenland capital.** *Text/photo: Lars Henrik Smedsrud*



Lars H. Smedsrud (Polar Oceanography), Sigrid Lien (Visual Culture), Kristin Strømsnes (Political Science) and Knut M. Rio (Social Anthropology) on the beach in front of the Polar Museum in Nuuk on May 2, 2022. The 'Hans Egede' statue is visible on the small hill in the background.

A small number of UiB professors visited Nuuk in early May 2022. The main purpose was to get to know the people, the place and ongoing changes to society and climate. Overall we were very happy with the trip, we met many interesting people, learned a lot about present day Greenland, and had many interesting academic discussions with people at the University and at two different museums.

Nuuk is a bustling small town of about 20.000 people. This is about 30% of the total population in Greenland. There is quite a lot of building activity and investment in shipping. Greenland also just got their first proper ocean research vessel – R/V Tarajoq, funded by the Government of Greenland (DKK 235 mill). The ship was designed by Skipsteknisk AS in Norway, so there is still well functioning links between Norway and Greenland. Another example is the ruby mine just south of Nuuk. This is the only actively operating mine in Greenland, and owned by the Norwegian company called LNS, a company also involved with running the coal mine in Longyearbyen on Svalbard. We were mostly visiting Nuuk as part of our Centre of Excellence proposal called «Visions of the Arctic (VOA)». One of the many planned activities in this centre is an exhibition of the early Bergen-Nuuk connection starting off with Hans Egede sailing from Bergen in 1721. The visit included me presenting at the Greenland Climate Research Centre, and having discussions with the one physical and one chemical oceanographer there on fjord circulation and sea ice cover. We will know over summer if we get the Centre of Excellence funding or not, but there is already one project started involving sea ice and oceanography in Greenland fjords – Climate Narratives, with the field work planned in the Illulisat Icefjord. So hopefully this was the start of better future cooperation between Bergen and Nuuk both for physical, political visual and anthropological studies. At least Sigrid Lien and I had some nice new photo's for our presentation to the Research Council about our proposed new center.



A walk around town in Nuuk can be a great visual experience.

There is a lot of new buildings being erected around the Nuuk centre, and the fjord views are magnificent from many of them.

## Fieldwork ISLAS2022 at Kiruna

*Text/photo: Harald Sodemann*



Corresponding to aircraft instrumentation, endurance, and safety considerations, we sent the aircraft to evaporation sources near the sea ice, developing cloud streets, and even into severe icing conditions. From in-situ and remote-sensing instruments on the aircraft, the ISLAS project obtained measurements of the water vapour isotopes, the amount of cloud liquid and ice, air chemistry, and particle size distributions during different stages of cloud evolution. A particular achievement were Lagrangian measurements of the water isotopes from the same air mass at different times in the life cycle.

The aircraft measurements were embedded into launches of buoyancy-controlled, free-drifting meteorological balloons from Ny Ålesund, continuous measurement of the vapour isotopes on University of Tromsø's research vessel Helmer Hanssen, and a measurement transect with instrumentation and precipitation sampling, reaching from Andenes at the coast, to Abisko and Kiruna in Sweden, and to Sodankylä in Northern Finland. During the Easter week, we also had support from citizen scientists to collect snow samples around Tromsø.

Given the complexity and scale of our measurement campaign, we were quite a small team of researchers from Bergen, Oslo, other parts of Europe, including two hard-working Master students. Working with the colleagues from the French aircraft was a really pleasant and professional experience. Handling and coordinating the many tasks made for an intense period with lots of work, but also moments to remember. Since the team worked together so incredibly well, we managed to seize the opportunities given by the weather, and acquired the unique dataset we hoped for during the ISLAS 2022 campaign. Thanks to everyone involved for the great experience, and for making this successful field campaign happen!

## **Finally – Thank you for a fantastic CHES Annual Meeting on Hurtigruten after 2 years' delay!**

*Text & photos: Mandy Kong/Thomas Spengler/Gaurav Madan*



Postponed by the corona pandemic for 2 years, our in-person CHES Annual Meeting from 9 – 13 May 2022 was successfully concluded on Hurtigruten!

This annual meeting was the first physical CHES conference after 2 years of hybrid meetings. It was well attended by 78 participants, an all-time high! Altogether, there were 24 lectures and 37 poster presentations during the meeting. Apart from participating in the scientific presentations and discussions, CHES members also enjoyed some sightseeing and social activities together.

The meeting started Monday afternoon in a Tromsø hotel with team building activities to facilitate

interactions among participants in a fun and relaxed atmosphere. Afterwards, our two guests, Gudrun Sylte and Dallas Murphy, introduced the non-scientific topic “outreach and communication” to the audience. We then divided the cohort into 4 smaller groups, each went for a different tour in Tromsø city. Afterwards, the group had dinner in the hotel before boarding the Hurtigruten ship Trollfjord around midnight.

The next 4 mornings, before the meeting started, there was a 15-minute weather briefing led by our CHESSE supervisor member Clemens Spensberger. The first meeting day on Hurtigruten started again with an outreach and communication session. Gudrun, the communication manager at Bjerknes Centre gave a presentation about media relation and journalism in general, while Eirik Heim gave lectures on technical knowledge about cinematography. It was followed by the first scientific session lead by our PhD students. The meeting alternated between scientific talks, outreach session, poster session, and sightseeing during the day. We continued the meeting with the same format for the second and third day.

On the final day, we had the last scientific student presentation session. For the outreach session, the CHESSE students were divided into small groups the day before and each group produced a short video clip based on what they had learned. Their productions were presented during the last session of the final day. Some of the video clips significantly impressed our guest cinematographer!

The meeting was concluded with an evaluation delivered by the CHESSE International Evaluation Board members, where students and supervisors had also contributed with valuable feedback and suggestions for future improvements of CHESSE and its activities.

After having developed personal friendships and professional network during these few days at sea, the participants bid farewell to each other in Bergen! “It was a fantastic meeting” was one of the common comments that floated around upon leaving our ship Trollfjord.



Photos: left: Mandy Kong, middle: Wanyee Wang, right: Iris Mužić

## NEWS FROM THE COMFORT PROJECT:



We are pleased to share that COMFORT has been a top-ranking contributor to the latest IPCC report (Working Group II: Impacts, Adaptation and Vulnerability) among the European Climate, Infrastructure and Environment Executive Agency (CINEA)

<https://www.linkedin.com/feed/update/urn:li:activity:6922904605487996928/>

[https://twitter.com/cinea\\_eu/status/1517143625838174213](https://twitter.com/cinea_eu/status/1517143625838174213)

We are very proud to provide scientific knowledge used in one of the most important international assessments on climate change!

## Forskningsfinansiering – Research funding

### UFO



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Nettsiden "[Upcoming Funding Opportunities \(UFO\)](#)" har nylig blitt oppdatert/recently updated.

## Publikasjoner

Oversikt over registrerte publikasjoner ved Geofysisk institutt finner du i [crstin.uib.no](http://crstin.uib.no). Husk også å registrere alle nye publikasjoner der.

## HMS, Personal, Velferd – HSE, HR, Social activity

[HMS-portal](#) – [Avviksmelding](#) - [Trening](#) - [Velferdstilbud](#)

### Ferie /Holidays

#### Ferie

#### **Alle ansatte skal registrere ferie i Selvbetjeningsportalen**

Alle ansatte ved UiB plikter å avvikle opptjent ferie hvert år. Ved årsslutt avsluttes ferieregnskapet for den enkelte, og det er da viktig at ferie er registrert i Selvbetjenings-portalen. Dette gjelder de 25 feriedagene (30 for de over 60 år) som ansatte etter lov og avtale har rett til, samt eventuelle feriedager overført fra forrige ferieår.

Arbeidsgiver skal se til at ansatte tar ut ferie og om nødvendig følge opp dette. Ferieplan for hovedferieperioden bør foreligge senest **1. mai** og søknader om sommerferie må derfor registreres i Selvbetjeningsportalen i god tid før denne datoen. Utgangspunktet er at alle ansatte skal avvikle minimum tre uker ferie i perioden 1. juni - 30. september, og fortrinnsvis mellom de to studiesemestrene.

Dersom det er ansatte som ikke har registrert ferie innen fristen, vil UiB vurdere å pålegge 3 uker ferie i juli måned. Dette vil bli registrert i Selvbetjeningsportalen medio juni.

Erfaringsmessig er det om høsten behov for å planlegge avvikling av den resterende ferien. Denne må avvikles i siste del av året og det settes derfor en frist til **1. oktober** for søknader om avvikling av restferien. Unntaksvis kan ansatte søke om overføring av inntil 14 feriedager til neste år. Dette gjelder fortrinnsvis der forhold hos arbeidsgiver har forhindret uttak av ferie. Søknaden må vurderes konkret i hvert enkelt tilfelle.

- Har du spørsmål? Ta kontakt med [kristin.kalvik@uib.no](mailto:kristin.kalvik@uib.no).

#### Vacation days

#### **Vacation days must be registered in the Self service portal within May 1.**

All employees at UiB are obliged to take earned vacation days every year. At the end of the year, the vacation accounts for the individuals are closed, and it is then important that all vacation days are registered in the Self-Service Portal. This applies to the 25 vacation days (30 for those over 60 years of age) to which employees are entitled by law and agreement, as well as any vacation days transferred from the previous vacation year.

The employer must ensure that employees take time off and, if necessary, follow this up. The vacation plan for the main vacation period should be available no later than 1 May, and applications for summer vacations must therefore be registered in the Self-Service Portal well in advance of this date. The base is that all employees must take a minimum of three weeks' vacation in the period 1 June - 30 September, and preferably between the two study semesters.

Experience has shown that in the autumn there is a need to make a plan for use of remaining vacation days. These days must be taken before the end of the year, and a deadline is therefore set for 1 October for applications for use of remaining vacation days.

Exceptionally, employees can apply for a transfer of up to 14 vacation days to next year. This preferably applies where conditions with the employer have prevented taking leave. The application must be considered specifically in each individual case.

- Questions? Feel free to contact [kristin.kalvik@uib.no](mailto:kristin.kalvik@uib.no) .

### Ledige stillinger:

[Ph.d.-stipendiat i fysisk oseanografi ved Geofysisk institutt](#)  
Geofysisk institutt - Søknadsfrist: 7. juni 2022

### Geosupen: GFI's Social Hub

Geosupen is the umbrella for all social activities at GFI, where you can find updates and information for regular and one-off events. All activities, such as brewing, football, volleyball, Cake Tuesday, Dinner&Drinks, parties, and more, are run by dedicated students and colleagues at GFI who look forward to have you participate and contribute!



<https://geosupen.b.uib.no>

### Velferdstilbud til ansatte / Welfare

Here you will find the University welfare services for employees; [Welfare](#) | [Employee Pages](#) | [UiB](#)



# YOGA



GFI yoga class has started again! All staff and students are invited to enjoy a one-hour relaxing exercise and meditation, every Wednesday 14:45 – 15:45 at the West Wing lecture room. No need to register, just remember to bring your own yoga mat.

We have a yoga mailing list. If you would like to be on the list and get informed about the class, please send an email to [Mahaut.Vareilles@uib.no](mailto:Mahaut.Vareilles@uib.no)