

IIFT-Posten

Nytt fra Institutt for fysikk & teknologi
Universitet i Bergen



Instituttlederens leder

Det har vært veldig stille på instituttet denne uken, og selv har jeg hatt en ukes høstferie, så da kan vi bare ønske alle en riktig god helg! – Kjetil



Høstfarger, Nygårdsparken, Foto: iigesund@instagram.com

Ukens publikasjoner (Web of Science)

Ingen nye publikasjoner fra IFT på Web of Science denne uken:

Tjelta, J., Ytre-Hauge, K., Lyngholm, E., Handeland, A., Henjum, H., Stokkevåg, C. (2023), Dose exposure to an adult present in the treatment room during pediatric pencil beam scanning proton therapy, *Acta Oncologica*, doi: 10.1080/0284186X.2023.2254924

Brennsæter, J.A., ... **Pilskog, S.** (2023), Reduction of PTV margins for elective pelvic lymph nodes in online adaptive radiotherapy of prostate cancer patients, *Acta Oncologica*, doi: 10.1080/0284186X.2023.2252584

Handeland, A.H., ... Stokkevåg, C.H., ... Henjum, H., Ytre-Hauge, K.S., Tjelta, J., Lyngholm, E., et al. (2023), Linear energy transfer-inclusive brainstem necrosis risk models applied to an independent paediatric proton therapy cohort, *Acta Oncologica*, doi: 10.1080/0284186X.2023.2254476

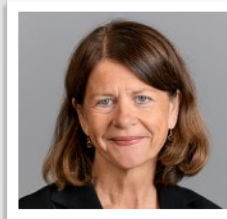
Stamnes, K. ... **Hamre, B.**, et al. (2023), A novel approach to solve forward/inverse problems in remote sensing applications, *Front. in Remote Sensing*, doi: 10.3389/frsen.2022.1025447

Lessard, M.R., ... **Oksavik, K.**, et al. (2023), Interhemispheric asymmetries of neutral upwelling and ion upflow, *Front. Astronomy Space Sci.*, doi: 10.3389/fspas.2023.1151016

Alme, J., Eikeland, V.N., Ersdal, M.R., Lofnes, I.M., Nystrand, J.I., Rehman, A.U., Roehrich, D., Ullaland, K., Yang, S., Yuan, S., Zhou, Z., Sætre, J.A., Bodova, T., Rauch M., and the ALICE Collaboration (2023), Measurement of inclusive and leading subjet fragmentation in pp and Pb-Pb collisions at $\sqrt{s(NN)}=5.02$ TeV, *J. High Energy Phys.*, doi: 10.1007/JHEP05(2023)245

Alme, J., Eikeland, V.N., Ersdal, M.R., Lofnes, I.M., Nystrand, J.I., Rehman, A.U., Roehrich, D., Ullaland, K., Yang, S., Yuan, S., Zhou, Z., Sætre, J.A., Bodova, T., Rauch M., and the ALICE Collaboration (2023), Light (anti)nuclei production in Pb-Pb collisions at $\sqrt{s(NN)}=5.02$ TeV, *Phys. Rev. C*, doi: 10.1103/PhysRevC.107.064904

Buanes, T., Djuvsland, J., Eigen, G., Fomin, N., Lee, G.R., Lipniacka, A., Maeland, S., dit Latour, B.M., Stugu, B., Traet, A., and the ATLAS Collaboration (2023), Constraints on the Higgs boson self-coupling from single- and double-Higgs production with the ATLAS detector using pp collisions at $\sqrt{s}=13$ TeV, *Phys. Ltrs. B*, doi: 10.1016/j.physletb.2023.137745

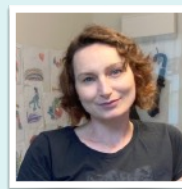


Dekanbloggen Gunn Mangerud

Dekanens blogg for å informere om ting det arbeides med på MN-fakultetet

Siste innlegg:

- Ikke krise, men alvorlig for realfagsrekrutteringen
- Vivat Academia
- Travle uker før sommerferie



Purchasing at IFT

How to send an order request

Collect all information and send in **ONE** email:

- **Supplier**
- **Item:** name and item number (if any) / description if it concerns a service
- **Price:** with or without MVA?
- **Project number and work package** (if any)
- **Offer from supplier** (if any)

More details on the [UiB homepage](#)

Thank you for following these simple steps and helping us help you better.

Marta

Disputas

Aleksandra Magdalene Sæle

disputerer Phd-graden med avhandlingen:

CO₂ Foam Dynamics During CO₂ Enhanced Oil Recovery and CO₂ Storage

Tid: Mandag 9. oktober 2023, kl 14:15

Sted: VilVite

Disputasleder

Johan Alme, IFT

Veiledere:

Zachary Paul Alcorn (*Hoved*)

Arne Graue

Geir Ersland

Eksamenskomité:

Kjellmar Oksavik, IFT

Antje van der Net, NTNU

Henri Bertin, *Univ. of Bordeaux*

Mastergradseksamen

Mats Johan Fjellheim

skal opp til avsluttende mastergradseksamen i *havteknologi* (marin måle- og styringsteknologi - akustikk) med oppgaven:

Defect detection and acoustic penetration of grout in offshore structures

Tid: Tirsdag 10. oktober kl 14:15

Sted: Heldigital eksamen (kontakt irlin.nyland@uib.no for Zoom-lenke)

Veiledere:

Per Lunde, IFT/UiB

Sverre Finstad, TCE Subsea

Jan Kocbach, NORCE

Eksamenskomité:

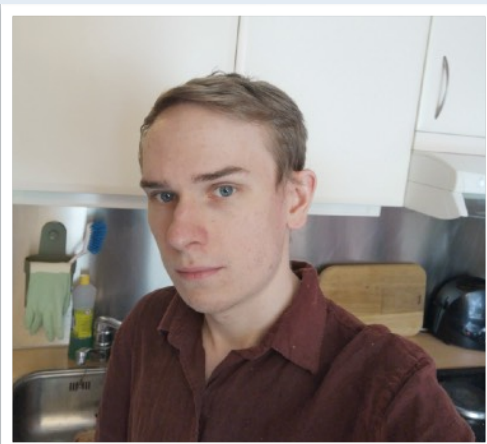
Kjell-Eivind Frøysa, HVL

Bjørn Tore Hjertaker, IFT/UiB

Ny ansatte

Anders N. Fuglestad

Phd Student: Space Physics



► I am Anders, a new PhD student in Space Physics at IFT.

My PhD research is on Terrestrial Gamma-ray Flashes using data from the ALOFT flight campaign. My current project is looking into the rarity of TGFs. I am currently working with the optical data from ALOFT, trying to estimate the distance of the TGF source based on the optical data.

I previously studied at the University of Bergen for five years and earned a Master's degree in Space Physics. My thesis was about Multi Pulse Terrestrial Gamma-ray Flashes using data from ASIM, which is an instrument mounted on the International Space Station.

I am a bit of an indoors person, in my free time i enjoy playing video games, programming and recently il have gotten into cooking.

UiB velferd

NY HYTTE SØKNADSPERIODE: VINTEREN 2024

Periode: 04.01 – 31.03.2024

Søknadsfrist: 31.10.23 Ved søknad om hytte må man prioritere både ønsket hytte og ønsket periode.

Benytt elektroniske søknadsskjemaet som ligger [her](#).

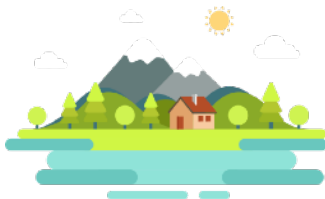
New UiB Cabins Application Period: WINTER 2024

Period: 04.01 – 31.03.2024

Deadline for application: 31.10.23

When applying for a cabin, one must prioritize both the desired cabin and the period.

Apply [here](#) (NO) / more info [here](#)



UiB velferd

Did you know...

you can get discounted movie tickets through UiB?

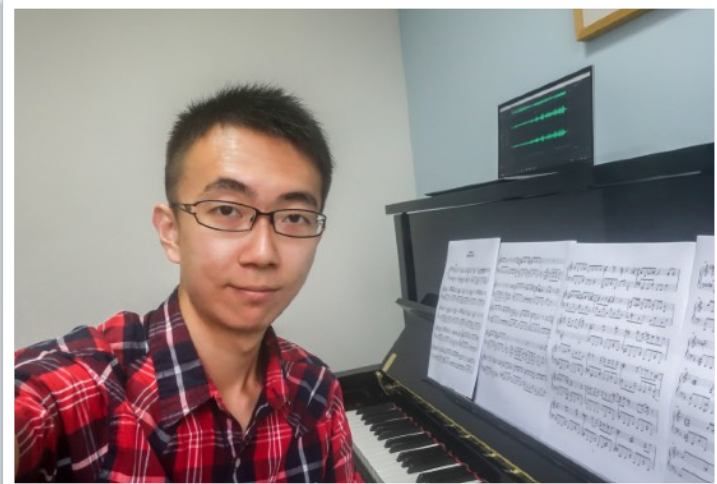
Find out how this works on the UiB Employees' page. ... [READ MORE](#).



Ny ansatte

Wang Wei

Phd Student: Acoustics



► My name is Wang Wei and I am from China. I worked for Intel and Solidigm in the past five years after I got my Master's degree in acoustics. Now, I am very excited to return to the university and conduct research work in guided waves in the acoustics group. My work will concentrate on viscoelastic and leaky ultrasonic waves.

Personally, I am a big fan of sound. I learned to play the piano when I was a kid, and I was a player in a band when I was in college. Currently, even though I am not a professional player, I practice occasionally as a hobby. Video/audio editing, as well as photography, are also among my interests—I love making videos from time to time and uploading them to my channel, as a record of my wonderful life.

IKKE LENGER VED IFT?

Dersom du ønsker å fortsatt motta IFT-Posten etter at du har avsluttet studiet eller arbeidsforholdet, eller kjenner noen som gjerne ønsker å stå på mailinglisten vår, kan du sende en e-post til: ift-posten@ift.uib.no



Arrangementer



UNIVERSITETET I BERGEN



Fire Prevention Course 2023

All UiB Employees must complete a fire prevention course which consists of a *digital part* and a *practical part*. This is required by law.

Follow [THIS LINK](#) to complete the required 30-minute digital course.

Employees are required to sign up for the practical (1 hour-) courses themselves. The fee of 350 NOK will be covered by the employee's department.

Practical Course Timings

Onsdag 11. okt. kl. 09-10 (NO)

Onsdag 11. okt. kl. 10-11 (NO)

Torsdag 12. okt. kl. 09-10 (NO)

Torsdag 12. okt. kl. 10-11 (NO)

Torsdag 9. nov. kl. 09-10 (NO)

Torsdag 9. nov. kl. 10-11 (NO)

Torsdag 7. des. kl. 09-10 (NO)

Thursday 7 December 09-10 (EN)

[REGISTER HERE](#)

COURSE LOCATION: Sydneplassen 7

[MORE INFORMATION](#)

University Library

Open Science Webinars: Autumn 2023

For more information and to sign up for the webinars, you can click on the links below:

- 20.10 [Make your research visible using researcher profiles](#)
- 03.11 [How to make your data open & FAIR](#)
- 17.11 [Finding & reusing research data](#)
- 01.12 [Introduction to data management plan \(DMP\)](#)



SEMINAR

GoNorth –

Exploring the Arctic Ocean

The Norwegian government has defined the high North as its most important strategic foreign policy area. Presence and knowledge are key elements.

GoNorth has completed two expeditions into the Arctic Ocean, using the research icebreaker Kronprins Haakon and the UiB ROV Ægir as main platforms. The seminar will concentrate on this summer's expedition along the mid sea ridge northwest of Svalbard, where the scientists discovered hydrothermal vent fields that have never previously been explored.

[FREE EVENT/READ MORE](#)

LOCATION: Egget, Studentsenter

17 OCT (16:30 – 18:30)

Horizon Europe Info Day

CLUSTER 5

CLIMATE, ENERGY & MOBILITY

The event will give prospective applicants the opportunity to learn more about the funding options of the programme for 2024 (with a budget of slightly more than €1 billion available) which focuses on twin green and digital transitions to achieve climate neutrality in Europe by 2050.

[MORE INFO + REGISTRATION PROGRAM](#)

17 OCT (12:30)

Arrangementer



DEBATE 2023

Does Consciousness Extend Beyond Brains?

Is there consciousness outside the brain, and how can subjective experiences be explained if they are only a product of the brain's physical activity?

Follow [this link](#) for more information about the debate participants and moderator.

DATE/TIME: Saturday, 2 December 2023 | 15:00

WHERE: University Aula

MORE INFO

LIVE STREAM LINK

REGISTRATION FOR LIVE ATTENDANCE

2 DEC (15 – 17:45)



Arrangementet vil denne gangen tas tilbake til kampus, og vi vil ha spennende faglige innlegg ved forskjellige lokaler på Nygårdshøyden. Nærmere informasjon om påmelding og program kommer senere i høst.

Mer info kommer etterhvert på [denne nettsiden](#).

Meld deg som bidragsholder

Du som ønsker å delta med et innlegg kan melde inn navn og foreløpig tittel på bidraget innen **28.09.23**.

[PÅMELDINGSSKJEMAET \(NO\)](#)

If you'd like to contribute to the Teachers' Day celebration by holding a talk or participating in a debate, register yourself:

[REGISTRATION FORM \(EN\)](#)

Mer info i [denne PDFen](#)

26 JAN 2024

Utlysninger



Midler til nettverks- og prosjektutvikling / 2023

UH-nett Vest har utviklet en støtteordning som skal bidra til å styrke samhandlingen og bygge sterke relasjoner mellom akademika og eksterne aktører på Vestlandet. Støtten skal gis som såkornsmidler til nettverksbygging, prosjektutvikling og formidlingsaktivitet.

SØKNADSFRIST: 15 OKTOBER, 2023

[LES MER PÅ UH-NETT VEST](#)
[SØK HER](#) | [PDF](#)



Staff Mobility for Training

All employees at the University of Bergen can receive a grant for a mobility to an institution, organization or university in Europe through Erasmus+.

APPL DEADLINES: 15 SEPT & 20 JAN, 2024

[READ MORE ABOUT APPLYING AND PER DIEMS](#)
[READ MORE \(NO\)](#) | [MOBILITY AGREEMENT](#)

EPS Brussels Newsletter

Get the latest from the European Physical Society (EPS)/Brussels Office: Science Policy Updates, Horizon Europe, etc.

[SUBSCRIBE HERE](#)

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/ill.: UiB

IFT-Posten utgis av:
 Institutt for fysikk og teknologi
 Kontakt: post@ift.uib.no

