

IFT-Posten

Nytt fra Institutt for fysikk & teknologi
Universitet i Bergen

Instituttlederens leder

Denne uken var fristen for å sende inn instituttets selvevaluering i forbindelse med evaluering av naturvitenskap 2022-2023 ([EVALNAT](#)). I den forbindelse har mange på instituttet lagt ned mye innsats for å presentere forskningen vår på en god og representativ måte. Tusen takk til alle dere! Nå er det evalueringskomiteene sin tur, og så får vi være klare for å ta spørsmål og kommentarer som dukker opp etter hvert.

På onsdag i neste uke (25/1) får vi besøk fra dekan Gunn Mangerud med følge som vil presentere utkastet til MN-strategi for perioden 2023-2030. Strategien skal behandles av fakultetsstyret 16. februar, og dekanen ønsker å presentere utkastet for alle ansatte før det skal

sendes til styret. Alle som vil kan følge presentasjonen og diskusjonen kl 12:30 i Bachelorrommet.

Til slutt vil jeg gjerne reklamere for en glitrende mulighet til å lære mer om eksperimentell fysikk i praksis, nemlig [sommerskolen](#) på CERN. Dette er for deg som er bachelorstudent eller mastergradsstudent i fysikk, informatikk eller matematikk og ønsker en spennende opplevelse sammen med studenter fra mange land. Søknadsfristen er 30. januar.

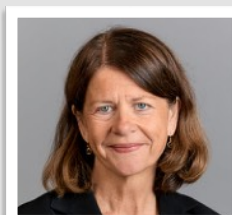
Ha en riktig god helg!

– Kjetil

Ukens publikasjoner (Web of Science)

Hovland, A.O., Laundal, K.M., Reistad, J.P., Hatch, S.M., Walker, S.J., Madelaire, M., Ohma, A. (2023), **The Lompe code: A Python toolbox for ionospheric data analysis**, *Frontiers Astronomy Space Sci.*, doi: 10.3389/fgas.2022.1025823

Engeseth, G.,M., Stokkevåg, C., Muren, L.P. (2023), **Achievements and challenges in normal tissue response modelling for proton therapy**, *Phys. & Imaging in Radiation Oncology* doi: 10.1016/j.phro.2022.11.004



Dekanbloggen
Gunn Mangerud

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

Siste innlegg:

- Oppsummering av annerledes året 2022
- Norges største gjenbruksprosjekt
- Vår sektor i endring igjen
- Fakultetet får et nytt sivilingeniørprogram innen data science

Arrangementer

Ny ansatte

Sohaib Hassan

Postdoc: Phd Student, Nuclea Physics



► I am a PhD student in the ATLAS group at IFT. I completed my Master's in nuclear engineering and physics in Pakistan. Before joining UiB, I worked at CERN for a year doing assembly and testing of GEM (Gas Electron Multiplier) based detectors for CMS

muon system and ALICE TPC experiments. I also contributed to physics analysis with the ALICE LF (light flavour) group regarding production of (anti-) triton in pp and pPb collisions.

My Master's thesis was on the study of drift waves in plasma. Drift waves are important in fusion systems and for the anomalous heating of solar corona (i.e., why is the temperature of the Sun's corona more than two orders of magnitude higher than that of its surface?)

My current research project includes development and application of a system for testing silicon pixel sensor modules and search for dark matter in ATLAS experiment at CERN. My qualification task with ATLAS is to develop a testing scheme for fast feedback on hybridization process for the bare modules. Dark matter is one of the biggest unsolved mysteries in physics currently, we would look for specific supersymmetric dark matter candidates produced in interactions at LHC having taus in the final state.

As to leisure activities, I am a person who always enjoys trying new things. I play cricket and like to walk/hike.

Open Science Webinars: UiB University Library

The **UiB University Library** continues its popular Open Science seminar series in spring 2023 with a number of webinars on Research Data Management and Scholarly Communication.

20.01.2023

How to meet Open Science requirements

03.02.2023

Introduction to data management plan (DMP)

17.02.2023

Research data management in the active phase of research

17.03.2023

Make your research visible using researcher profiles

31.03.2023

How to make your data open & FAIR

14.04.2023

Open Access - step by step

28.04.2023

Finding & reusing research data

12.05.2023

Introduction to data management plan (DMP)

12.05.2023

Data management plan WORKSHOP

26.05.2023

How to make your data open & FAIR (in Norwegian)

[READ HERE FOR MORE INFO](#)

[CHECK THE CALENDAR FOR DETAILS AND SIGN UP INFO](#)

Arrangementer



**CERN
SOMMER-
STUDENT**

Delta på forelesninger, besøk CERN-anlegget, ta del i diskusjoner og workshops med folk som er ledende i sine felt

Dette vil bli en opplevelse du sent vil glemme!

Søknadsfrist
30. januar 2023






Images: CERN



Horizon Europe Courses Spring 2023

The courses give you thorough training in all phases of Horizon Europe, from project application to reporting after the project has been completed. Free participation.

The courses are held by Europa Media and Sintef, who have first-hand knowledge in developing and managing successful projects within Horizon Europe.

The course series starts on 10-12 January and continues through 23 June, 2023.

[CLICK HERE FOR A FULL LIST OF COURSES/
APPLICATION INFO](#)



Kunnskapseplet Popular Science Talks at the Science Library

The Mathematics and Natural Sciences Library hosts a series of popular science talks. The aim of these talks is to provide an informal arena for students, PhD students, researchers and other staff to share their work or talk about a topic they are passionate about. The events will last 30-45 minutes.

Contact kjersti.enerstvedt@uib.no if you have any ideas for popular talks or have any questions.

[CLICK HERE FOR UPCOMING TALKS](#)



Utlysninger



HySchool Days 2023 is a hydrogen-themed conference that will take place on 8-9 March at **Hotel Scandic Ørnen**.

DEADLINE for application: 31 January, 2023
(Note: There is no participation fee.)

For more details and to apply, [CLICK HERE](#).

8-9 MAR, 2023



Norwegian Panorama Virtual Exchange / COIL Partnerships Initiative: U.S., Japan & South Korea

The Norwegian Panorama Virtual Exchange/ COIL Partnerships Initiative targets higher education institutions that are interested in creating Virtual Exchange / Collaborative Online International Learning courses and programs with new or existing partners.

Application deadline: 20 FEB, 202, 16:00 CET

To see if you are eligible and to apply, [CLICK HERE](#).



ÅSGARD PROGRAM

The program funds a week of mobility for professionals in France and Norway who wish to meet their counterparts in order to establish new cooperation and/or exchange on good practice.

- A. **Åsgard-Research** is designed for researchers.
- B. **Åsgard-Innovation** is for professionals working in technology transfer structures, clusters, etc.
- C. **Åsgard-Staff** is for professionals working in the administration department of universities and research centres.

[READ MORE HERE](#)

APPLICATION DEADLINE: 31 JANUARY 2023



Peter Sather Grant Application Guidelines 2023-2024

The primary mission of the Peder Sather Center for Advanced Study is to strengthen ongoing research collaborations and foster the development of new research collaborations between faculty at the University of California, Berkeley (UC Berkeley) and from the consortium of eight participating Norwegian academic institutions.

Applications from all fields and disciplines are welcomed. No field will be excluded from consideration.

The Center will make a minimum of **\$550,000** available for projects each year and offers grants of between \$10K and \$25K.

[READ MORE ONLINE](#)
[...AND HERE \(NO\)](#) | [...AND HERE \(EN\)](#)

APPLICATION DEADLINE: 3 APRIL 2023

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 ansattesider
- 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)



Bilde: Kjetil Heilmann

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