

# IFT-POSTEN

NYTT FRA INSTITUTT FOR FYSIKK  
OG TEKNOLOGI  
UNIVERSITETET I BERGEN



## DEPARTMENT HEAD'S INTRO

WEEK 45, 2014

We are now in the most hectic period of the semester when it comes to lectures. Some of you are busy in a more pleasant and more inspiring way than others. Students attending phys115 course have spent this week at CERN in order to improve their insight into the experimental methods in the subatomic physics. It is really great that we can offer our students such an experience, and hopefully we will manage to sustain that in the future too.

Otherwise, you can read in På Høyden that the new vision for UiB is to become the leading international institution when it comes to marine biology, developmental studies, climate and energy conversion. We shall also become the leading institution in digital education and focus on more innovation. Many of us have had a relaxed relationship towards innovation as one of our imposed duties, and now we have to internalize it as something clearly defined in our future agenda.

Have a great weekend,

Øyvind



## ANNOUNCEMENT: FUNDS AND ENDOWMENTS

Application data base for funds and endowments at UiB is now available (Norwegian : <http://www.uib.no/ledelsen/82068/fond-og-legater-ved-uib>)

Application deadline is December 1<sup>st</sup>.

Information for the employees (researchers):

- The Meltzer Fund committee approved on October 20th the following in the case 21/14 (awarding the Meltzer Fund grants and the proposal for changing the guidelines for awarding the grants to research activities at UiB):
- 1. The Meltzer Fund committee concludes that awarding grants to research activities at UiB should be done as total allocation to the university.
- This means that in 2015, UiB will be the one granting support to research-related travel sabbaticals.
- Researchers use the same web-based application system as before.
- Application deadline remains on December 1<sup>st</sup>.
- More info at UiB's web-pages: <http://www.uib.no/ledelsen/82000/vitenskapelige-reiser-og-forskningstermin>





## IFT IN THE MEDIA

In 2005, Gaute Hagen from Bergen completed his PhD degree in physics at the Department of Physics and Technology here at UiB. His supervisors were Jan S. Vaagen and Morten Hjorth-Jensen, respectively from the research group for theory, energy and process technology, IFT and Department of Physics, UiO.

Today, Gaute Hagen works as a quantum physicist at Oak Ridge National Laboratory Tennessee. In the 1940s, the first nuclear weapons were constructed at Los Alamos and at Oak Ridge. Today, the world's largest supercomputer is being constructed there. On October 25<sup>th</sup>, VG Helg had a longer article dedicated to that project, along with an interview with Gaute Hagen. The article is not available on VG's web pages, but you can download it [via this link](#) (in Norwegian only). NB! The article is 6 MB, so if you are reading the IFT-posten on your mobile (Ladislav), perhaps you should wait to grab hold of a PC.



## PHD – TRIAL LECTURE

MSc **Anders Doksæter Sivle** will hold a PhD-trial lecture by the following title:

Given topic:

**What do we know and what do we not know about thunderstorms**

Time: Friday, November 14th, 2014, at 10:15.

Place: Room 292, IFT.

Open for all interested attendees.



## ANNOUNCEMENT

European Research Council (ERC) offers grants to younger researchers (2-7 or 7-12 years after PhD) in order to start up / expand their own research groups. In total, they are granting up to 430 million Euros. Application deadline for these grants is 3<sup>rd</sup> of February 2015.

[Registration for the Yellow Research course /workshop](#) for ERC Starting grant applicants and ERC Consolidator grant applicants is now available from [UiB's H2020-page](#). At this course, you will learn how to write a competitive application and in which ways UiB can help you.

[Read here for more information.](#)



## JOINT SEMINAR / HORIZONS LECTURES

### We are made of star stuff - Horizons lecture by professor Jocelyn Bell Burnell

Like (almost) everything else we are made of atoms. Where did the atoms in our bodies come from originally? And how did they come to be in our bodies? This talk demonstrates how we are formed from cosmic material.

The event starts with a snack and refreshments in advance of the lecture that begins at 16.15 at Egget, Studentsenteret, Thursday November 13th.

The lecture is open to all. Welcome!

Find the event on [Facebook](#), and here's more information [about the lecture](#).

The talk is given by Jocelyn Bell Burnell, Visiting Professor, Astrophysics, University of Oxford.



## INVITATION TO A CONFERENCE: SOCIETY'S VIEWS ON ENERGY AND CLIMATE ADAPTATION

Friday, 5<sup>th</sup> of December 2014, from 09:00 -16:00  
Small Auditorium, Faculty of Social Sciences, Fosswinckelsgate 6

Adaptation in climate-friendly direction assumes both natural scientific knowledge of climate systems and social sciences knowledge about political, economic and cultural relations. Social sciences play a key role in developing the knowledge needed for acting in relation to climate changes.



In relation to the strategic process at UiB, where climate and energy issues are discussed as a new area of interest, we would like to invite you to an interdisciplinary conference to be held at the Faculty of Social Sciences. This conference will gather various scientific fields to a discussion about the social science's views on climate and energy adaptation, and how to promote research cooperation with the natural sciences.

Programme:

Welcome and introduction:

Arranged by the Dean Knut Helland

Moderator: Jan Erik Askildsen, Department of Economics

Speaker: Eystein Jansen: Strategy for Climate and Energy Commitment at UiB

Other speakers:

Dag Elgesem, Department of Information and Media Science; Kjetil Rommetveit, Centre for Philosophy of Science; Pål Davidsen and Erling Moxnes, System Dynamics; Eirik S. Amundsen, Department of Economics; Håvard Haarstad, Department of Geography; Elisabeth Ivarsflaten, Department of Comparative Politics; Ståle Knudsen, Department of Social Anthropology; Inga Berre, Department of Mathematics, head of the Committee for Strategy for Sustainable Energy Research at the Faculty of Mathematics and Natural Sciences

Discussion panel: Social Sciences' Role in Interdisciplinary Energy and Climate Research (Endre Tvinnereim, Ingrid Foss Ballo and Kerim H. Nisancioglu).

Lunch will also be served. We would therefore like to ask you to register with Håvard Haarstad: [havard.haarstad@geog.uib.no](mailto:havard.haarstad@geog.uib.no)





## FUNDS AND ENDOWMENTS AT UiB

Student or research assistant? UiB offers a number of funds and endowments from which students and research assistants can apply for financial support.

Application data base for funds and endowments at UiB is available from this link (only in Norwegian):

<http://www.uib.no/ledelsen/82068/fond-og-legater-ved-uib>

Application deadline is December 1<sup>st</sup>.



## NO LONGER AT IFT? WOULD YOU LIKE TO CONTINUE RECEIVING IFT-POSTEN?

If you would like to continue receiving IFT-posten after completing your studies or work contract at IFT, or you know someone who would like to be on our mailing list, feel free to send an e-mail to [ift-posten@ift.uib.no](mailto:ift-posten@ift.uib.no).



## H-BAR

**H-bar is open every Friday from 19.00 - 01.00.**

On Tuesdays, every even-numbered week, there are organized public lectures at H-bar.

More info at H-bar's [facebook page](#).

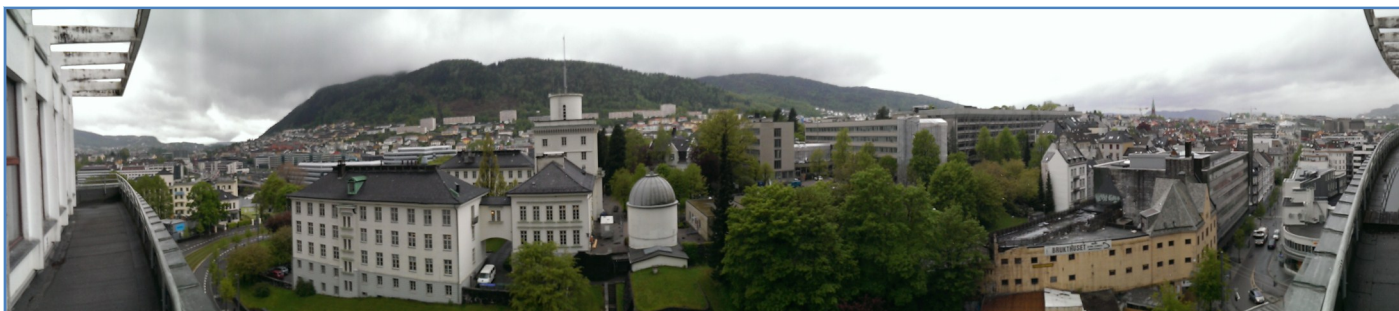
H-bar is run by IFT's Fagutvalget, and is primarily aimed at department's students – but employees are also welcome!



## PUBLICATIONS:

- Tanskanen, E.; et al.: *Eastward electrojet enhancements during substorm activity* JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS Volume: 119 Pages: 129-137
- Altinpinar, S.; Djuvsland, O.; Fehlker, D.; Haaland, O.; Huang, M.; Loenne, P. I.; Nystrand, J.; Rehman, A.; Roehrich, D.; Skjerdal, K.; Ullaland, K.; Velure, A.; Wagner, B.; Yang, S.; et al.: *Performance of the ALICE experiment at the CERN LHC* INTERNATIONAL JOURNAL OF MODERN PHYSICS A Volume: 29 Issue: 24
- Buanes, T.; Dale, O.; Eigen, G.; Kastanas, A.; Liebig, W.; Lipniacka, A.; Latour, B. Martin Dit; Rosendahl, P. L.; Sandaker, H.; Sjursen, T. B.; Stugu, B.; Ugland, M.; et al.: *Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb<sup>-1</sup> of root s=8 TeV proton-proton collision data with the ATLAS detector* JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Article Number: 103
- Buanes, T.; Dale, O.; Eigen, G.; Kastanas, A.; Liebig, W.; Lipniacka, A.; Rosendahl, P. L.; Sandaker, H.; Sjursen, T. B.; Stugu, B.; Ugland, M.; et al.: *Measurement of the production cross-section of  $\psi(2S) \rightarrow J/\psi \rightarrow \mu^{+}\mu^{-} \pi^{+}\pi^{-}$  in pp collisions at root s=7 TeV at ATLAS* JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Pages: 1-49





## USEFUL LINKS

[The IFT Webpages](#)

[Employees at the administration](#)

[Webpages of the Faculty](#)

[Employee Pages at the UoB](#)

[The Board of Faculty](#)

[The Faculty- Strategy and Vision](#)

[Pubmed](#)

The internet News Bulletin [På Høyden](#) (internalnews for UoB)

[Archive of IFT-posten](#)

[PagaWeb](#) (Your current job)

[BRITA](#) (IT-support)

[LYDIA](#) (transport)

[SEBRA](#) (user account)

[Recent PhDs at the UoB](#)

(only in Norwegian)

[The HSE Gateway](#)

[My Space](#)

The Student Council at IFT:

<http://fft.uib.no/>

[Facebook](#)

[The Campus Bus](#)

[Cristin](#)

[UoB internal phonebook](#)

[Employee pages FAQ A - W](#)

[Vacant positions at UoB](#)

[The UiB Magazine](#)

Contact the editor of IFT-posten:

[anders.kulseng@ift.uib.no](mailto:anders.kulseng@ift.uib.no)

IFT-posten is published by the Department of Physics and Technology, University of Bergen.

Telephone: +47 55 58 28 06

Faks: +47 55 58 94 40

Contact: [ift-posten@ift.uib.no](mailto:ift-posten@ift.uib.no)

