

IFT-POSTEN

NYTT FRA INSTITUTT FOR FYSIKK
OG TEKNOLOGI
UNIVERSITETET I BERGEN



DEPARTMENT HEAD'S INTRO

WEEK 48, 2014

Yesterday we had a general meeting about the strategic plan for the Faculty of Mathematics and Natural Sciences. The meeting was started with a bunch of gloomy figures for large investments presented by the Vice Dean. These were underlined with a warning that if we do not change the course we will end up where we're headed. A good strategy will of course be important for a more positive development of the Faculty in the next few years. The meeting was otherwise informative and good as I see it. There were constructive input from many of our colleagues at the department. This is very much appreciated. Many expressed their concern about the possibility that fundamental research would be forgotten in a setting where the discussion was focused mainly on some thematic priority areas. Although it was mentioned during the discussion, I would like to emphasize the fact that there has always been focus on safeguarding fundamental research, and this will continue to be the case in the next discussions.

Otherwise, we have had the opportunity to participate in the HMS-course during this week, and are now inspired to encourage everyone to actively use the new system for reporting discrepancies. As far as I know, no one at IFT has used the new system yet. We need to get started as soon as possible.

And to all of you who participated in the Christmas celebration last Friday: Many thanks for the pleasant moments! Hopefully, there will be new similar events during the spring semester.

Have a great weekend,

Øyvind



COURSE RESPONSIBILITY THE SPRING SEMESTER OF 2015?

Don't forget that December 1st was the last deadline for uploading curriculum/reading lists at Min Side!

CHRISTMAS LUNCH

The department invites all employees and seniors to a Christmas lunch on Friday, December 19th.

Time and place: 13.00 hrs at the canteen.

If you wish to participate, you must sign up for the event through Stine at the administration so that we know the amount of food to be ordered.



 Følg oss på
Facebook

PHD – TRIAL LECTURE

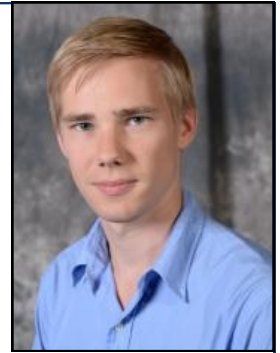
Msc Øyvind Eide will hold a PhD trial lecture by the following title:

CO2 Injection for Enhanced Oil Recovery: Production Mechanisms in Fractured Reservoirs

[See here to read the press release.](#)

Thursday, December 4th at 13:15 in Auditorium 2, Realfagbygget.

Open to all interested parties.



MASTER'S EXAM

Martin Tran will be examined for a master's degree in reservoir physics by the following title:

Multi-scale analysis and upscaling of spontaneous imbibition and miscible CO2-flood for oil recovery in fractured carbonate reservoirs

Tuesday, December 2nd at 10.30, room 546, Bjørn Trumpys hus (Physics building).

Martin Fernø at IFT is the thesis supervisor.



MASTER'S EXAM

Morten Norlemann Holme will be examined for a master's degree in safety technologies by the following title:

An Experimental Investigation of Angled Sight Flame Detectors with 850nm Photodiode Sensor

Friday, December 5th at 10.30, room 368, Bjørn Trumpys hus (Physics building).

Bjørn J. Arntzen at IFT, and Gisle Enstad and Ivar Kalvatn at CMR Gexcon are the thesis supervisors.

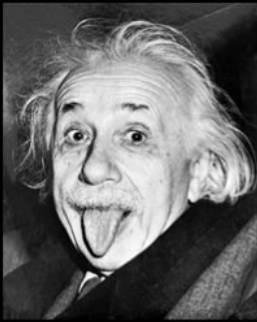
THIS WEEK'S PHOTO



A topnotch and multidisciplinary winner team of the IFT's Christmas quiz 2014. IFT-posten congratulates.



Nuclear Physics



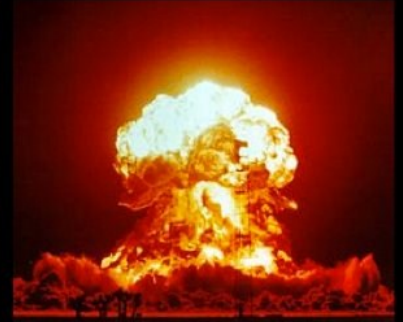
What my mother thinks I do



What my father thinks I do



What conservative parties think I do



What liberal parties think I do



What Greenpeace thinks I do



What girls think I do



What my friends think I do



What I actually do

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H-BAR

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

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

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

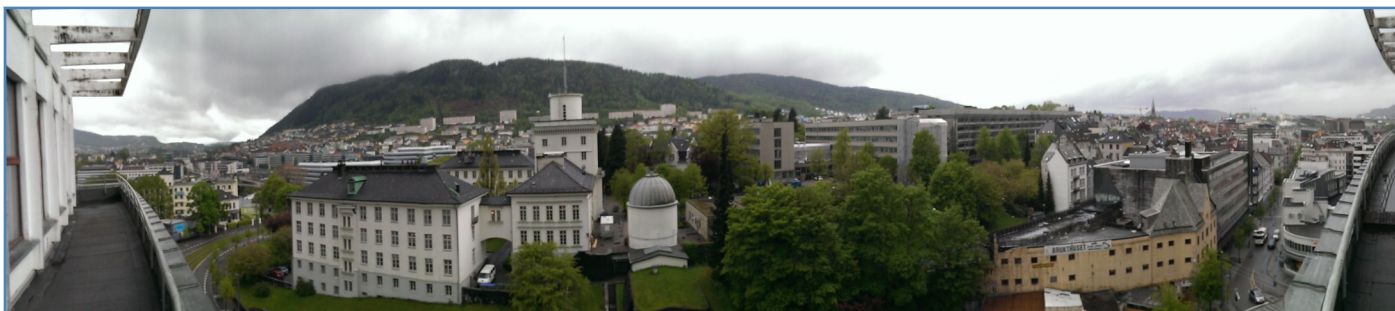
H-bar is run by IFT's Fagutvalget, and is primarily aimed at department's students – but employees are also welcome!



PUBLICATIONS:

- Buanes, T.; Dale, O.; Eigen, G.; Kastanas, A.; Liebig, W.; Lipniacka, A.; dit Latour, B. Martin; Rosendahl, P. L.; Sandaker, H.; Sjursen, T. B.; Stugu, B.; Ugland, M.; et al.: [Search for Scalar Diphoton Resonances in the Mass Range 65-600 GeV with the ATLAS Detector in pp Collision Data at \$\sqrt{s}=8\$ TeV](#) PHYSICAL REVIEW LETTERS Volume: 113 Issue: 17
- Buanes, T.; Dale, O.; Eigen, G.; Kastanas, A.; Liebig, W.; Lipniacka, A.; dit Latour, B. Martin; Rosendahl, P. L.; Sandaker, H.; Sjursen, T. B.; Smestad, L.; Stugu, B.; Ugland, M.; et al.: Measurements of normalized differential cross sections for $t\bar{t}$ production in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector PHYSICAL REVIEW D Volume: 90 Issue: 7
- Buanes, T.; Dale, O.; Eigen, G.; Kastanas, A.; Liebig, W.; Lipniacka, A.; Rosendahl, P. L.; Sandaker, H.; Sjursen, T. B.; Smestad, L.; Stugu, B.; Ugland, M.; et al.: Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at TeV with ATLAS JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Pages: 1-61
- Buanes, T.; Dale, O.; Eigen, G.; Kastanas, A.; Liebig, W.; Lipniacka, A.; dit Latour, B. Martin; Rosendahl, P. L.; Sandaker, H.; Sjursen, T. B.; Smestad, L.; Stucci, S. A.; Stugu, B.; Ugland, M.; et al.: Measurement of the Higgs boson mass from the $H \rightarrow \gamma\gamma$ and $H \rightarrow ZZ^* \rightarrow 4l$ channels in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector PHYSICAL REVIEW D Volume: 90 Issue: 5
- Eigen, G.; Stugu, B.; et al.: Measurement of Collins asymmetries in inclusive production of charged pion pairs in e^+e^- annihilation at BABAR PHYSICAL REVIEW D Volume: 90 Issue: 5





USEFUL LINKS

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[Webpages of the Faculty](#)

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[The Faculty- Strategy and Vision](#)

[Pubmed](#)

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