

WEEK 32, 2014

Welcome to another new semester!



The corridors have now started to look alive after several quiet summer weeks. I hope you have all had a nice holiday, and that you are all now bursting with energy in order to meet the challenges of a new semester. For those who need a little extra fresh air in order to shake off this summer's heatwave shock, I would like to recommend this Tuesday's opening ceremony at Nygårdsparken. The following days will also bear colours of the new semester start and the welcoming of new students.

A record number of students (67) have during the course of the summer accepted their enrollment in the Bachelor programme in physics, and 64 students have accepted their enrollment in the PTEK programme. Those are really great numbers, and it will be exciting to see what we are capable of doing in practice. In our Master programmes, there are 37 students who accepted their enrolment in the programme.

Have a great
week,

Øvind

New times, new possibilities: IFT-posten is now coming out in new splendor, and will hopefully over time develop into an identity and network forming organ of Department of Physics and Technology. The new columns in IFT-posten will include the PhD-student of the week and Photo of the week. In case you have some good advice, views, contributions or other creative ideas, we would greatly appreciate if you shared them with us. Send an e-mail to ift-posten@ift.uib.no, or drop by our office on the 3rd floor of the Physics building.



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NEW RULES FOR THE USE OF CALCULATORS DURING EXAMS: LOOK TO PAGE 2

NEWS FROM THE FACULTY: As many of you may be familiar with, there was a case brought up at the study administration meeting in May 2013 regarding the use of calculators during exams. It was then accepted that the rules should be formulated in the following way:

It should be specified in the course description if, and which type of calculator, could be allowed as a tool during the exam.

The following formulation should be used:

- a) all calculators allowed, in accordance with the faculty rules
- b) simplecalculators allowed, in accordance with the models given in the faculty rules
- c) no calculators allowed

For point a) all calculators allowed: Calculator

- should not have the possibilities of receiving / sending data
- cannot be connected to the electricity network
- should not emmit any noise
- it is not allowed to bring user manuals , programme descriptions, completed programmes or other additional equipment.

Allowed calculator types for b) simple calculator:

Model xxx model yyy

Valid as of Fall 2014- inform the course leaders

The new rules for calculator use will be valid as of late exams in the fall of 2014(November and December), but not for the earlier exams in the fall of 2014. When it comes to which calculator will be allowed during exams«simple calculator allowed», this should be announced in September. We have asked the authorized persons at our department to give us feedback latest by August 25th.

ANNOUNCEMENT - UH-NETT VEST: UH-nett Vest has set aside 1 million kroner for strengthening research cooperation among the institutions within the network, or for single projects . Application deadline is September 15th. Read the whole announcement [here](#) (Norwegian).

ANNOUNCEMENT - SAMARBEIDSPROGRAMMET MED RUSLAND: SIU announces financial grants via *Cooperation Programme with Russia 2011-2016 Call for Proposals 2014* for project collaboration in the period of 2015-2016 between higher education institutions in Norway and Russia. The aim of this programme is to increase academic cooperation and relations between the two countries, and for the period of 2015-16 the total sum of 4 million kroner is available. Application deadline is September 16th. The announcement can be found [here](#) (Norwegian).

ANNOUNCEMENT - UTFORSK PARTNERSKAPSPROGRAM 2014: SIU announces financial grants via UTFORSK-programme, whereby Norwegian institutions can apply for project funds up to 800 000 kroner over a period of two years. Desired project activities are student and researcher mobility, intense courses, joint study programmes and / or joint degrees, joint lectures and supervision, as well as student participation in research projects . More information can be obtained from [here](#) (Norwegian).

IFT IN THE MEDIA: Geir Ersland, also known as the aggressive and unpleasant police inspector Krupke, was interviewed by Dagsrevyen 21 earlier this week. To read the whole article, go to cirka 11.00 in [this clip from NRK](#)..

IFT IN THE MEDIA: In June, Bjørn J. Arntzen was interviewed and filmed by the Internet news bulletin På Høyden, under the title "[Explosive research](#)".



PHOTO OF THE WEEK: Rocket launch from the launching station at Andenes in Northern Norway. The Photo was taken by Kjartan Olafsson.



ALEXANDER F.

HEM has been employed as finance officer at IFT, since January, but now he has moved on. On Friday 8th Alexander had his last day at work, and he will now become a PhD-student at the Norwegian School of Economics (NHH). At NHH he will conduct a research of Brand positioning and brand management.

IFT wishes him good luck !

THE PHD-STUDENT: Yashika Bansal from India has recently been employed for three years as a PhD -student at the Department of Physics and Technology. She intends to undertake an Investigation of High Spatial Resolution of Silicone Based Neutral Detectors.

Yashika was born in the state of Rajasthan at the end of 1980's, and grew up in Bikaner, a town about the size of Oslo. Rajasthan is as big as Norway, but has cirka tolv times as many inhabitants. The state is situated in the North-West of India, at the border of Pakistan, and is inhabited by religious groups of Hindus, Muslims, Sikhs and Jains.

Yashika herself comes from a caste which is called Rajvanshi Agrawals which means the Children of Agrasal. The majority of these caste members are Hindus, but although Yashika comes from a Hinduist family, she does not practice the religion in any significant degree. Her mother is a lecturer in sociology at a local college, her father is working with real estate, Her younger brother, who has the same educational background as the father, works in banking business.

After Yashika completed her high school education, she took up a 4-year Bachelordegree in electronic engineering at the Indian University of Mody Institute of Technology and Science, which is a private educational institution for women. This led her to GSI Helmholtzzentrum für Schwerionenforschung at Darmstadt in Germany, where she completed her Mastersdegree. In Germany she got in contact with Dieter Röhrich of the IFT, who encouraged her to apply for a PhD position at his project. Her academic career has up to now been so interesting that she hopes to continue within academic research, rather than working for private companies.

Yashika has a pug dog named Tiger, which is 5 years old. She likes indoor activities such as bowling, squash and pool, and although she is from India, she does not like cricket.

She recently found an apartment in Fyllingsdalen, and she is really happy with it. IFT would like to wish her all the best in her PhD period, and we hope she will enjoy her stay here...



Yashika in a traditional sari, which one gets after getting married .

MASTER THESIS PRESENTATION

Agnethe Seim Olsen will hold a Master thesis presentation in Particle Physics entitled:

Reaching towards higher masses of supersymmetric particles decaying to tau leptons

The presentatin will be held at Tuesday, 19. August, at 12.15 in room 546, IFT. Her supervisor was Anna Lipniacka.



H-BAR

H-bar will open up next week, and will be open every Friday from 7 pm to 1 am.

On Tuesdays, every even-number week, there will be organized pub-lectures at H-bar.

More info at [H-bars facebookpage](#).

H-bar is run by the Student Council at IFT and is primarily for at the department's students - but employees are also welcome!



NEW PEOPLE AT IFT: We have the honour of welcoming a new colleague at our department.

Andrey Mezentsev is employed as a post.doc. in space physics as of July 1st 2014 till August 30th 2018.

Mezentsev was born in the USSR in 1979, and was graduated with a Master in Theoretical Physics from the State University of St. Petersburg in 2003.

After completing his PhD in 2006, he moved to Tokyo, Japan, where he was employed for two years as researcher on seismo-electromagnetics at the University of Electro-Communications. During that stay, Andrey became interested in atmospheric electricity, which led to him moving to England at the beginning of 2011. The last three years he was employed at the University of Bath, where he researched various aspects of electromagnetic networks in the Earth's atmosphere. Together with Martin Fullekrug, his research was mainly about the runaway electron beams above thunderclouds, which inevitably shifted their activity towards sprites.

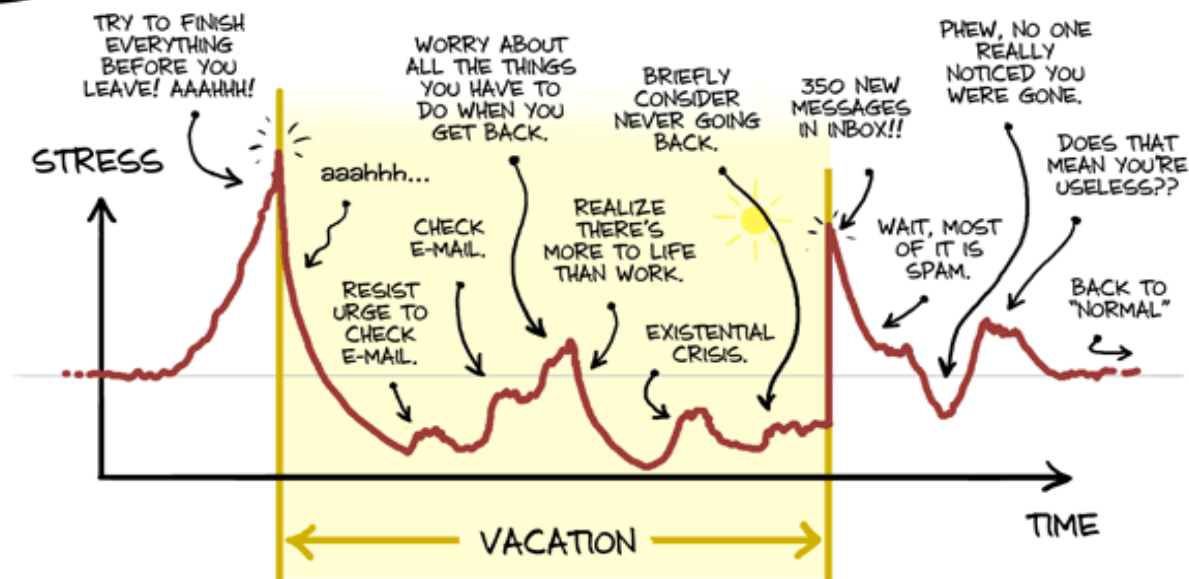
Together they developed an interferometric network of low frequency radio receivers based on a receiver concept designed by Martin. Andrey and Martin deployed their network in Southern France during the most thunderstorm-active summermonths of 2011, 2012 and 2013.

Thereafter, fate brought him to Bergen, where Mezentsev now will work at the Birkeland Center for Space Science. There he will collaborate among others with Nikolai Østgaard.

Outside work, Andrey is a passionate mountain climber, and he also speaks Japanese. Unfortunately, his language skills have slightly deteriorated over the past years, so Japanese students or employees are more than welcome to join him for a cup of coffee and a chat.



VACATION RELAXATION?



JORGE CHAM © 2009

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USEFUL LINKS

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[Employees at the administration](#)

[Webpages of the Faculty](#)

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

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(coming soon)

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Dep. of Physics and Technology:
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