

THE COSMIC DAWN CENTER NEWSLETTER

Date: September 2020

COVID-19 UPDATE

Teaching and research activities continue at KU and DTU, however meeting activities are kept to a minimum and some courses are held online.

COVID-19 testing is available for everyone and you can book through the following website:

www.coronaprover.dk

“NEW” JOURNAL CLUB

On Monday 28th of September, we restarted the journal club at DAWN with a new format. It will take place online, every Monday at 10:30-11:00. Each session will have two people presenting a paper from the arXiv, preferably from the previous week.

We will take turns being a *Moderator*. It is the moderator's job to select two papers they find interesting, and hunt down two presenters. The presenters should be notified at least on the preceding Wednesday.

The moderator should end the discussion if it runs over the time. The list of moderators can be found [here](#). Peter Laursen will be the first moderator, and the upcoming moderators will follow alphabetically.

FLU VACCINATION

Every year, Sanofi holds two flu vaccination days at Vibenshuset. This year Doctor Søs Holten visits from VaccineSpecialisten, offering flu vaccinations on Tuesday, October 27th and Thursday, November 5th.

If interested, contact Guarn Nissen guarn.nissen@nbi.ku.dk or VaccineSpecialisten via email: info@vaccinespecialisten.dk or phone: 42 26 00 00

DAWN-DTU employees can get a free flu shot on Nov. 13th. Sign-up with Anne-Dorthe adh@space.dtu.dk before Oct 2nd.

As the second wave of COVID-19 is over Denmark, it is even more important this year to be vaccinated against influenza.

OFFICIAL ADDRESS

Following is the new official address at DAWN-NBI:

University of Copenhagen
Niels Bohr Institute
The Cosmic Dawn Center
Tower I, 2nd fl.
Jagtvej 128
2200 Copenhagen N

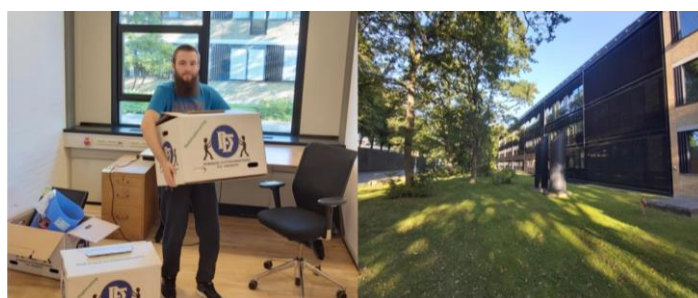
Our mailing address until further notice is:

University of Copenhagen
HCØ
Universitetsparken 5
2100 Copenhagen Ø
Att.: [Your name] /NBB – DAWN





MOVE AT DAWN-DTU

September 21st was moving day at DAWN-DTU! All DAWN employees at DTU are now located on 2nd floor in Building 327. PhD student Malte Brinch is seen below packing some boxes. We look forward to welcoming all team members to DTU Space sometime in the future!



EMPLOYEE NEWS

UPCOMING BIRTHDAYS

We will celebrate 2 birthdays at DAWN! 
Guarn Elizabeth Nissen, and on 
Christian Kragh Jespersen. Happy birthday to you both!



DAWN NBI – WELCOMES NEW MEMBERS

In October, we will welcome to DAWN NBI a new PhD student, **Vadim Rusakov**. Vadim comes from the University of Surrey where he studied MPhys Physics within the Astronomy programme.

On October 1st, Associate Professor **Lise Bech Christensen** will join DAWN, and continue to work on her research interests in observational astrophysics, which include: galaxy evolution, chemical evolution in high-redshift galaxies, connecting galaxies with the intergalactic/interstellar medium, high-redshift dwarf galaxies and distant transient phenomena.



We are very happy to welcome both new members to DAWN!

DAWN DTU – NEW MEMBER PROFILES

POST DOC FELLOW STEVEN GILLMAN

I recently received my PhD from Durham University, England in which I worked on integral field observations of high-redshift ($z=1-2$) star-forming galaxies obtained using a number of spectrographs including KMOS and SINFONI. Using rest-frame optical emission lines, I was able to use these observations to trace the dynamical motions of the ionised interstellar medium on \sim kpc scales in high- z galaxies. By studying the kinematic properties of the galaxies and their correlation with other properties, such as galaxy morphology, the aim of my PhD was to understand how star-forming galaxies have evolved from $z=1-2$ into what we observe in the local Universe.

Here at DTU Space, and as part of the Cosmic DAWN Center, my work will focus on preparation for the James Webb Space Telescope (JWST) MIRI GTO observations and the subsequent reduction and analysis of this data in years to come.



POST DOC FELLOW LIJIE LIU

Specialised in observational radio/ (sub) mm astronomy, interstellar medium, star formation and galaxy evolution. My research focuses on understanding the galaxy-scale and cloud-scale ISM properties and how these properties regulate the star formation in different galactic environments. Specifically, my research fields include the physical properties and dynamics of the ISM in nearby and high- z galaxies, the resolved properties of giant molecular clouds in different types of galaxies, and the SF-law from GMC-scale to galaxy-scale over cosmic time.



PHD STUDENT MALTE BRINCH

I am a PhD student at the DAWN-DTU who formerly defended my MSc at KU, DAWN NBI. My thesis focuses on reverberation mapping of AGN, so as to use them as Distance measurements. As part of my PhD at DAWN-DTU, I will be working with Thomas Greve on characterizing the dense molecular gas content in gravitationally lensed starburst and normal galaxies. I will relate these results to surveys of the dense interstellar medium in local galaxies.

I will also work on GISMO 2mm surveys with the Greenland Telescope. In fact, I plan to travel to the Thule air base this fall to observe with the GLT.

