

# THE COSMIC DAWN CENTER NEWSLETTER

Date: April 2020

## UPDATE ON COVID-19

To mitigate the consequences of a spread of coronavirus, the government decided that students and staff at all higher education institutions in Denmark should study and work from home. This currently applies up to **10 May**. Teaching, research and administration take place online.

Exams will take place online up to 30 June. Students will be notified one month ahead if the exam will take place on campus.

To find coronavirus guidance and updates you should regularly check the following site:

<https://kunet.ku.dk/about-ucph/topics/coronavirus/Pages/default.aspx>

## DNRF ANNUAL REPORT

On March 31, we delivered our Annual Report 2019 to the Danish National Research Foundation (DNRF). The report is assembled yearly to communicate our progress and activities. In the report, DAWN highlights its achievements during its first full year as a Center of Excellence, since the inauguration of the center in 2018. You can check out the report [here](#).



ANNUAL REPORT 2019



## UPCOMING EVENTS

❖ June 29-30: **POSTPONED**

COSMIC DAWN Center Inauguration Conference 2020. The conference has officially been postponed to 21-22 June, 2021. We look forward to a very exciting and informative conference!

❖ July 1-3:

DAWN Summit 2020. The summit has not been postponed as of now, but will most likely happen virtually, following the restrictions from the Danish government.

❖ July 6-10: **POSTPONED**

Summer School on Machine Learning in Physics. Learn more about the event [here](#).

The face-to-face summer school is postponed by a year, however some lectures and workshops might still be held virtually. Updated information to come on this at a later date.

❖ September 3-4 **POSTPONED**

Cross Domain Workshop. The event will take place in early 2021. More information will follow.

## NEW PROPOSAL DEADLINES FOR ALMA AND JWST

Due to COVID-19, several proposal deadlines for observation time in different facilities have been shifted:

- The start of **ALMA** Cycle 8 has been postponed until October 2021. It is anticipated that the Cycle 8 Call for Proposals will open again in 2021 March.
- **JWST** deadline postponed until further notice, which will be on June 1<sup>st</sup> 2020.

# EMPLOYEE NEWS

## DAWN WISHES HAPPY BIRTHDAY TO THE HUBBLE SPACE TELESCOPE

The Hubble Space Telescope has orbited the Earth some 165,000 times since its launch on board the Space Shuttle *Discovery* on 24 April 1990. A huge fraction of these orbits have yielded data and measurements that have helped us to better understand the cosmos and humanity's place in it, from characterising the atmospheres of planets orbiting nearby stars in our own Milky Way galaxy to measuring the expansion rate of the Universe itself.

*Hubble* observations form a critical part of many past discoveries and ongoing research projects at DAWN at the University of Copenhagen and DTU. With the mosaic on the right, DAWN members wished HST a happy 30<sup>th</sup> birthday, and hope for many more years of research to come with this observatory.



## UPCOMING BIRTHDAYS

Next month we will celebrate 1 birthday at DAWN! Francesco Valentino's ~~XXXXXXXXXX~~  
~~XXXXXX~~ Tanti auguri Francesco!



## DAVID VIZGAN WINS CHAMBLISS AWARD

Astronomy and Physics major David Vizgan of Wesleyan University, has received the Chambliss Astronomy Achievement Student Award, for his outstanding research poster presentation at the most recent American Astronomical Society meeting in Hawaii.

Vizgan presented the research he began in the Summer of 2019 at DAWN in Copenhagen as part of the DAWN-IRES Scholars Program. During the program, David worked with Thomas Greve, to investigate whether the C+ emission line at high redshifts can be used as a tracer of gas mass at early epochs, using simulated galaxies from the SIGAME data set.

