

THE COSMIC DAWN NEWSLETTER

December 2021

Kasper Elm Heintz receives a Carlsberg grant!



DAWN Researcher Kasper Elm Heintz was recently granted the Carlsberg Foundation Reintegration Fellowship in the amount of DKK 1.237.596. Kasper obtained his PhD from the University of Iceland in 2019. He is an excellent scientific author and he has substantial teaching experience from Iceland. He will officially join the DAWN as Post Doc on 01 February 2022.

Kasper's research and project aim to shed light on the origins of fast radio bursts by studying their host galaxy environments, based on an on-going programme at the Very Large Telescope in Chile dedicated to obtain the first homogenous and unbiased sample of their host galaxies. These observations will ultimately help in uncovering the physical nature of these exotic bursts. [Read more here.](#)

Congratulations Kasper, well done!

COVID-19 UPDATE

Danish health authorities: If you are exposed to someone who is sick, and you suspect that it is with the variant Omicron, you should self-isolate immediately and only return to the office after negative tests on days 4 and 6. You should work from home if you can. If you are at the institute please wear a face mask.

You must have a valid corona passport if you are on UCPH Campuses. There will be spot checks on various locations. Please read [this link for the info on this issue.](#)

Links for the overall new Covid-19 rules on campus can be found here : [UCPH](#) and [DTU](#).



Award to Claudia Lagos ✨

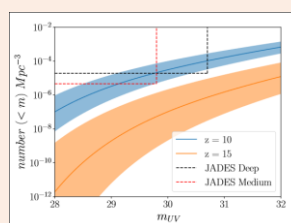


Claudia Lagos was awarded the 2020 [International Union of Pure and Applied Physics - IUPAP](#) Young Astronomer prize, for her insightful contributions to the subject of the role of baryons (gas) in the evolution of galaxies, including its role in the chemical and angular momentum evolution of galaxies and in the promotion and suppression of the formation of stars. Big Congratulations!

1st Author Pub Club 📖

Current 1st Author Pub Club member Charles Steinhardt now holds a double membership after the publication of *Finding High-Redshift Galaxies with JWST*. Previous DAWN student Christian Kragh Jespersen and SURF@DAWN summer student Nora B. Linzer, are 2nd and 3rd authors on this exciting publication.

We congratulate you all and we are very honoured to have you all on board the DAWN Journey.



Charles Steinhardt et al.
[Finding High-Redshift Galaxies with JWST](#)

UPCOMING EVENTS ✓

★ JWST Launch on **24 December 2021** - Program to TBD

★ DG Annual Meeting on **28 January 2022** at NBB, Room 01.2.I.158 from 12:15 - 15:15

★ Talk by Gabriel Brammer at the Planetarium - **TBD**

★ Workshop: The next generation mid/far-IR space missions - formulating a European perspective. SOC/Paris **09-11 February 2022** - but **TBD**

★ IDA/NOT Summer School August 2022. [Link is here](#) and **deadline is 22 February 2022** for registration.

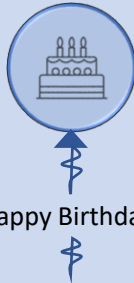
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BIRTHDAYS 🎵



❖ [Redacted] Caitlin Casey

Upcoming birthdays to be celebrated



Happy Birthday!



❖ [Redacted] Victoria Strait

CAKE TALK PRESENTERS ✨

Thanks to all our Cake Talk Presenters!

- ❖ 09 December: **Pavel Mancera Piña** (Kapteyn Astronomical Institute & ASTRON): *The startling dynamics of gas-rich ultra-diffuse galaxies*
- ❖ 16 December: **Ian Hothi** (Imperial College London): *Finding the Needle in the Haystack*

30 Highlights

UCPH and the Rector Henrik C. Wegener sends his wishes for a Merry Christmas and a Happy New Year along with a short video of the [30 highlights from the year that is almost gone](#). Our own **MSc Student Albert B. Sneppen** is also briefly mentioned. Enjoy!



OPPORTUNITIES & CALLS ↗

★ The meetings for “Building a physical understanding of galaxy evolution with data-driven astronomy” by the Kavli Institute for Theoretical Physics, are scheduled for 27 February 2023 - 24 March 2023. [Read more here](#). Deadline for application is **17 December 2021**



★ MOONS scientist position at ESO. [Read more here](#)
Deadline **06 January 2022**

★ EU Horizon Europe H2020 - ERC Starting Grant (preliminary call) ([UCPH link](#) and [DTU link](#))
Deadline **13 January 2022**

★ Online conference “Quasars and Galaxies through Cosmic Time” by the Astronomy Nucleus at Universidad Diego Portales (UDP) from 24-27 January 2022. Deadline for conference registration is on **10 January 2022**. [See the program and read more here](#).

★ Webinar for UCPH-Staff: Introduction to funding opportunities on the **03 March 2022**.
[Read more and sign-up here](#).

★ EU Horizon Europe H2020 - ERC Consolidator Grant (preliminary call) ([UCPH link](#) - and for DTU, e-mail Johannes Brockdorff at jolb@dtu.dk) - deadline **17 March 2022**

★ Webinar: Introduction to Horizon Europe Collaborative Projects from 14:00-15:30 on **22 March 2022**. [Read more and sign up here](#).

★ DFF (Independent Research Fund Denmark) Sapere Aude Starting Grant. [Link is here](#) - deadline **23 March 2022**

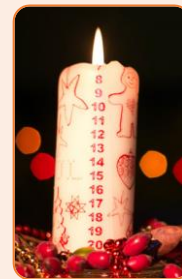
★ Villum Foundation: Young Investigator (preliminary call) - Read here [UCPH link](#) and [DTU link](#) - deadline **01 June 2022**

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Christmas traditions in Denmark

The Danish traditional Christmas activities can seem quite odd to some foreigners. For example, the tradition of **dancing around the Christmas tree on Christmas Eve** while singing Christmas carols.

Another Danish Christmas and December tradition is the candle calendar. This tradition of counting days until Christmas goes all the way back to the beginning of the 19th century. However, it was not until 1942, during the German occupation, that actual candles were produced and sold. These candles resemble a tape measure and have 24 markings representing the days leading up to Christmas. The candles are lit every day from 1st December, quite often at the breakfast table.



Of course for the Danes, the food and sweets are the core items of the Christmas traditions. One example is the 'Julefrokost'/Christmas Lunch parties, where dishes like herring, preserved red cabbage, pork-roast and ris-ala-mande for dessert are enjoyed. Let us not forget the traditional sipping of alcoholic beverage like "snaps" or brandy. ☺ Other famous Christmas desserts are cookies called "Vanilje-kranse (vanilla-wreathes)", "Klejner (crullers)" and 'brunkager (crispy cookies with brown sugar).



Yet one of the most popular Danish Christmas desserts to serve are the 'Æbleskiver'. Directly translated this means appleslices which are sort of like a doughnut in the texture. The history tells that the 'Æbleskiver' was introduced in Denmark around the 1700's and it used to be slices of apples that were fried in a pan. Later the dough was added to the apple slices and eventually it was only a small piece of apple that was placed in the individual little puff. Today, the apple is not put into the recipes. Æbleskiver are served warm, with powdered sugar and different types of jam on the side with 'jule-glögg', a drink that originated in Sweden. Although 'glögg' can be found in Greece and Germany, it is considered a traditional Scandinavian beverage, and is served warm during the Christmas holiday season. It is usually made from red wine, almonds, sugar, raisins, cardamom, cloves and cinnamon.

Merry Christmas to all DAWNers and your loved ones. Thank you for a wonderful year together!

Please send feedback and content to dawn_admin@nbi.ku.dk