

THE COSMIC DAWN NEWSLETTER

January 2022

Primary School Students Visit to DAWN

Twelve students age 14-16, from primary schools within the Lyngby school district, visited DAWN for one day in December as part of their "Elevpraktik" course. Under the supervision of DAWN staff, the students spent the day learning about galaxies and advanced telescopes from lectures and participation in hands-on project work.



Georgios Magdis explaining galaxies to primary school students visiting DAWN

The students used the [GalaxyZoo Project website](#) to classify different types of galaxy morphologies thereby making a scientific contribution to the GalaxyZoo Project.

It was a lot of fun to work with such enthusiastic young students!

COVID-19 UPDATE



From **01 February 2022** all **Covid-19 guidelines are removed**. Specific travel requirements will still be in force when entering Denmark. This means, that the normal situation will be to work physically on Campus, but you can agree on working from home with your section leader.

For overall Covid-19 updates on campus please read here: [UCPH](#) and [DTU](#).

1st Author Pub Club

New analysis leads to a fundamentally different view of supermassive black holes! For the second time as a 1st Author in the Pub Club - Congratulations John!



Artist's impression of the quasar ULAS J1120+0641 (credit: ESO/M. Kornmesser)

John R. Weaver

[Dust and the intrinsic spectral index of quasar variations: hints of finite stress at the innermost stable circular orbit](#)

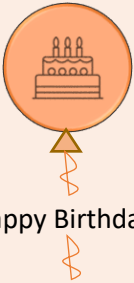
UPCOMING EVENTS

- ★ Webinar: [‘DAWN Winter School’](#) from **07-11 February 2022**
- ★ Workshop: The next generation mid/far-IR space missions - formulating a European perspective. SOC/Paris **09-11 February 2022**
- ★ DTU Astronomy & Atmospheric Physics Seminar with speaker Chris Harrison (Newcastle University) on **16 February 2022** at [15:00 on ZOOM](#).
- ★ IDA/NOT Summer School August 2022. [Link is here](#) and **deadline is 22 February 2022** for registration.
- ★ ISM Webinar on Rentals and Cooperative Housing in CPH on **02 March 2022** from **17:30-19:00**. [Link is here](#) and sign-up is required.
- ★ ISM Webinar on the Danish Tax System on **22 March 2022** from **17:30-18:30**. [Link is here](#)
- ★ DAWN CPH Conference: **22 -24 June 2022**. More info will follow.

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BIRTHDAYS 🎵

Upcoming birthdays
to be celebrated



Happy Birthday!



❖ [REDACTED] Natalie Allen

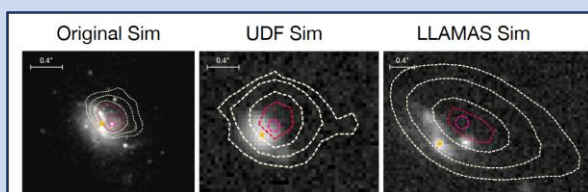
CAKE TALK PRESENTERS 🌸

Thanks to all our Cake Talk Presenters!

❖ 13 January: **Enrico Garaldi** (MPA): *A fierce new challenge: simultaneously understanding first galaxy formation, reionization and their connection*

❖ 20 January: **Adélaïde Claeysens** (Stockholm University): *The Lensed Lyman-Alpha MUSE Arcs Sample (LLAMAS): Morphological properties of faint high redshift Lyman-alpha emitters*

❖ 27 January: **Dr. Leonard Burtscher** (Leiden Observatory and works for the ELT instrument METIS as calibration scientist): *Astronomy and the climate crisis*



Credit: [The Lensed Lyman-Alpha MUSE Arcs Sample \(LLAMAS\) article.](#)

OPPORTUNITIES & CALLS ↗

★ The Leon Rosenfeld Foundation offers grants for visits by young scientists to NBI. Typically, the Foundation's grants are for visits by individual scientists of a few months duration, with a budget of order DKK 30,000, or for support of young people attending schools at NBI, with a similar budget. **Read more in the NBIInfo mail of 18 January 2022** (if you have not received it, reach out to Secretary Helena Baungaard for this e-mail).

★ Webinar: "information meeting about postdoc funding" (**only for UCPH-staff** that will apply for KU SCIENCE as their host institution): 10 February 2022 at 09:30-11:45 and [deadline for sign-up](#) is 07 February 2022

★ Webinar: "[Villum Synergy Grant](#)" information meeting (**only DTU staff**): 8 February 2022 at 14:00-15:30. [Read more here.](#)

★ Horizon Europe H2020, How to Prepare a Successful proposal writing course **23 February (only DTU staff)**. [Read more and sign-up here.](#)

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

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

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

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

★ Webinar: "VILLUM Young Investigator" on 26 April 2022 from 10:00-11:30 (**only UCPH staff**). [Deadline for sign-up](#) is 21 April 2022

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

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Copenhagen Light Festival & Winter Jazz Festival 2022

When a new year begins, we often seek for new purposes and new energy to re-charge our life-batteries again. But in the cold and grey winter-weather in Denmark, this calls for extra help! **Copenhagen Light Festival** is an annual light festival that transforms the quiet and cold winter darkness into a unique celebration of light art, lighting design and illumination in the Center of Copenhagen.



In three weeks of February the festival presents a wide range of light based works – such as sculpture, installation, projection mapping, event and illumination created by both established and upcoming light artists, lighting designers, students and organizations. This year, the Copenhagen Light festival will take place from **04 February - 27 February 2022**. [You can read more and find the official program here.](#)



The Jazz festival has existed in its present form since 1979 and the Vinterjazz is a nationwide music festival that takes place in February each year. This year it will be from **03 February - 27 February 2022**. The festival spans three weeks featuring more than 600 concerts, 150 venues and independent organizers from all across Denmark.

Vinterjazz is first and foremost a club festival that kick-starts the season for the many Danish jazz clubs that create an environment where jazz can develop and live year round. [Read more here and find the official program for 2022.](#)