

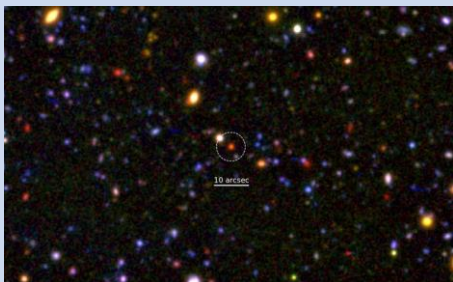
## THE COSMIC DAWN CENTER

# NEWSLETTER

Date: January 2020

### MOST DISTANT DYING GALAXY

A team of researchers at DAWN and the National Observatory of Japan recently discovered a massive galaxy dying already 1.5 billion years after the Big Bang, the most distant of its kind.



“Moreover, we found that its core seems already fully formed at that time”, says Masayuki Tanaka, the author of the *Astrophysical Journal Letter* that can be found [here](#).

“This result pairs up with the fact that, when these dying gigantic systems were still alive and forming stars, they might have not been that extreme compared with the average population of galaxies”, adds Francesco Valentino, assistant professor at DAWN, and author of the paper “Quiescent galaxies 1.5 billion years after the Big Bang and their progenitors”, that you can find [here](#).

You can read more about the discovery at NBI’s press release following this [link](#).

### DG CONFERENCE 2020

The preparations for the COSMIC DAWN Center Inauguration Conference 2020, to be hosted in Copenhagen on June 29 and 30 are ongoing.

So far, 13 speakers have accepted our invitations to join the conference: Sandy Faber, David Elbaz, Roberto Maiolino, Marta Volenteri, Masami Ouchi, Meg Urry, Günther Hasinger, Kartik Sheth, Rob Ivison, Alice Shapley, Tommaso Treu, Michael Strauss and Lisa Kewley.

More information regarding the scientific programme and other topics will follow as we get closer to the event.

### VISITORS

**Kei Ito** is a PhD student at the National Astronomical Observatory of Japan, SOKENDAI (The Graduate University for Advanced Studies), who will join us from April 20<sup>th</sup> until June 26<sup>th</sup>.

Kei would like to collaborate on a new project related to his PhD studies, as well as to continue his current studies about X-ray stacking analysis of high-redshift quiescent galaxies and engage in discussions with the staff here at DAWN.

### UPCOMING EVENTS

In the coming months, these are the events and important dates related to DAWN:

- February 6:

DNRF Annual Meeting. DNRF will visit DAWN at Vibenshuset.

- February 28:

Georgios Magdis Professorship Reception.

- March 19:

NBI Management Meeting.

- March 31:

Deadline for delivering the DNRF Annual Report 2020.

- April 15-17:

JWST Proposal Preparation Workshop. DAWN will provide information on the observation capabilities and training on the planning tools necessary for preparing GO proposals. You can read more about the event and how to register [here](#).

- June 29-30:

COSMIC DAWN Center Inauguration Conference 2020. More information will be soon provided in the event site [here](#).

# EMPLOYEE NEWS

## KIMIHICO'S NEW POSITION

Kimihiko Nakajima has received a permanent position at the University of Tokyo, and will leave DAWN by the end of February.

Kimihiko has been at DAWN since November 2018 as a Postdoc Fellow. We wish Kimihiko all the best in this new chapter of his career!



## UPCOMING BIRTHDAYS

Next month we will celebrate one birthday at DAWN: Bidisha Sen



## SUK JOO KO'S THESIS DEFENCE

Suk Joo Ko successfully defended his Master's Thesis "Spectroscopy of Red Quasars" on the 6<sup>th</sup> of January 2020 at Vibenshuset. During his thesis, Suk was advised by Professor Johan Fynbo. The thesis can be found [here](#).

After the defence, a reception followed, where DAWN staff and Suk's family and friends celebrated his success.



## NEW MEMBERS

Welcomed back Ivanna Langan, from University of Montpellier. We are delighted that she has decided to join DAWN as an intern again.

Under supervision of Professor Gabriel Brammer, Ivanna will focus on the galaxy mass-size relationship in a massive galaxy cluster in the early Universe.



## GEORGIOS' PROFESSORSHIP

Georgios Magdis will have his Professor Inauguration Lecture at Auditorium A in the Niels Bohr Institute (Blegdamsvej 17, 2100 København Ø) on February 28<sup>th</sup> 2020, from 15.00 until 17.30.

A reception will immediately follow at Vibenshuset. All DAWNers are expected to attend.

