

Session Program

3-5 Aug 2026

DAWN Summit 2026

Talks

Monday 3 August

09:45

Talks: First Stars and Galaxies - I

Session | **Convener:** Emelie Burnham

09:45–10:15

Invited Review: First Stars and Galaxies

Speaker

Yi Xu

10:15–10:35

Chemical signatures of pop III stars

Speaker

Clara Pollock

10:35–10:55

Exploring the first galaxies with JWST and upcoming facilities

Speaker

Pascal Oesch

10:55

11:35

Talks: First Stars and Galaxies - II

Session | **Convener:** Clara Pollock

11:35–11:55

High-redshift star formation under the cosmic microscope with SPT+ALMA+JWST

Speaker

Joaquin Vieira

11:55–12:15

TBD

Speaker

Viola Gelli

12:15

14:15

Talks: Interstellar Medium

Session | **Convener:** Dr Joris Witstok

14:15–14:45

Invited Review: Interstellar Medium

Speaker

Lise Christensen

14:45–15:05

A neutral stance: Characterizing the neutral gas-phase of Gz9p3 in absorption and emission with JWST and ALMA

Speaker

Kasper Heintz

15:05–15:25

PAHs in cosmological simulations

Speaker

Desika Narayan

15:25

Tuesday 4 August

09:50

Talks: Transients and heavy element production - I

Session | **Location:** DTU building 341, Auditorium 22 (1st floor), <https://link.mazemap.com/gEfwAtg9> |

Convener: Aayush Arya

09:50–10:20

Invited Review: High redshift transients

Speaker

Tom Reynolds

10:20–10:40

Analysis of kilonovae and other interloping transients

Speaker

James Gillanders

10:40

11:10

Talks: Transients and heavy element production - II

Session | **Convener:** Alex Cameron

11:10–11:30

Chemical enrichment beyond iron: Strontium and yttrium in colliding neutron stars

Speaker

Aayush Arya

11:30–11:50

Astrometric Quasar Selection

Speaker

Johan Fynbo

11:50

11:50

Talks: Galaxy Evolution Review

Session | **Convener:** Rashmi Gottumukkala

11:50–12:20

Invited Review: Galaxy Evolution

Speaker

Chandana Hegde

12:20

14:00

Talks: Galaxy Evolution - Stellar Populations, Metal Synthesis, Outflows

Session | **Convener:** Rashmi Gottumukkala

14:00–14:20

On the Hunt for Distant Super Star Clusters

Speaker

Will Jarvis

14:20–14:40

Introducing E-SPS: An Accelerated SED Fitting Code Designed for Next-Generation Spectroscopic Surveys

Speaker

Emilie Burnham

14:40–15:00

Metal Synthesis and Ejection by Young Galaxies

15:00
15:45
16:55

Speaker
Kristian Finlator

Talks: Reionization

Session | **Convener:** Will Jarvis

15:45–16:15 **Invited Review: Reionization**

Speaker
Anne Hutter

16:15–16:35 **Catching the first stars in 4D**

Speaker
Koki Kakiichi

16:35–16:55 **SPURS: Resolving UV continuum in individual galaxies at $R \sim 1000$**

Speaker
Zuyi Chen

Wednesday 5 August

13:40

Talks: Quenching

Session | **Convener:** Minju Lee

13:40–14:10 **Invited Review: Quenching**

Speaker

Po-Feng Wu

14:10–14:30 **Quenching and quiescence in the Early Universe with JWST**

Speaker

William Baker

14:30–14:50

What Dust and Globular Clusters Reveal About Massive Galaxy Quenching

Speaker

Katherine Whitaker

14:50

14:50

Talks: Flash Talks by DAWN-IRES Undergraduates

Session

14:50–14:52 **Exploring redshift evolution of line ratio diagnostics with JADES**

Speaker

Mahitha Ramachandran

14:53–14:55 **Multi- wavelength study on peculiar galaxies in the COSMOS field**

Speaker

Alexander Poulin

14:56–14:58

Connecting Massive Dusty Star-Forming Galaxies with ALMA and Simulations

Speaker

Maya Berhane

15:00–15:02

Searching for first-generation star formation in the surroundings of massive galaxies in the early universe

Speaker

Lucas Zimmerman

15:03–15:05

An Extraordinary System in GOODS-S Lying in an Overdensity

Speaker

Andres Luengo

15:12