

# DAWN Summit 2022 program

## Day 1

Monday 20 June

Venue: Meeting room M1, Anker Engelunds Vej 101 (DTU).

Abstracts and other details are found on [cosmicdawn.dk/meetings-and-workshops/dawn-summit-2022](https://cosmicdawn.dk/meetings-and-workshops/dawn-summit-2022).

09:00	Light breakfast	
09:30	Sune Toft	Welcome
09:45	<b>Special session #1: JWST updates</b> <i>Review by Gabe Brammer</i>	
	Steven Gillman	The MIRI Deep Imaging Survey
	Luis Colina	TBA
10:45	Coffee break	
11:00	<b>Galaxy evolution</b> <i>Review by Minju Lee</i>	
	John Weaver	COSMOS2020
	Shuowen Jin	The Super-deblended catalog and optically thick dust at high-z
	Nikolaj Sillassen	GalCluster: Automatic Search for Galaxy Clusters by Overdensity Mapping
12:15	Lunch	
13:15	Lukas Zalesky	Cosmic DAWN & The Hawaii Two-0 Survey
	Seiji Fujimoto	ALMA Lensing Cluster Survey: Deep 1.2 mm Number Counts and IR LF at $z \sim 1-8$
	Meghana Killi	Spatial offsets between stellar and ISM phases in distant main-sequence galaxies
	Vadim Rusakov	New insights into early evolution of galaxies
	Natalie Allen	Predicting the Yield of $z > 6$ Lyman break galaxies in the Euclid Deep Field
14:30	Coffee break	
15:00	<b>Quenching</b> <i>Review by Adam Carnall</i> + Tracing the most massive galaxies back to the first billion years	
	Thomas Herard	SED-fitting of Massive Quiescent Galaxies with PROSPECTOR
15:45	<b>Special session #2: Outreach and scicomm</b>	
	Peter Laursen	Outreach at DAWN
	Trity Pourbahrami	Inclusive Science Communications and Philanthropy

# DAWN Summit 2022 program

## Day 2

Tuesday 21 June

Venue: Lundbeckfond-auditoriet, Ole Maaløes Vej 5 (UCPH).

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09:00	Light breakfast	
09:30	<b>Putting in all together (theory)</b> Review by Desika Narayanan	
	Claudia Lagos	The origin of gas turbulence in galaxies: a view from cosmological hydro-simulations
	Charles Steinhardt	Hyperuniform Tilings in Large-N Dimensions
	Jackson Mann	Classifying Gamma Ray Bursts Using Dimensionality-Reduction
	Aswin Vijayan	Consequences of star-dust distribution and geometry on EoR galaxies
11:00	Coffee break	
11:15	<b>Interstellar medium</b> Review by Lise Christensen	
	David Vizgan	Tracing atomic and molecular hydrogen in high-redshift galaxies
	Vasily Kokorev	The Evolving Interstellar Medium of Star-Forming Galaxies, as traced by Stardust
	Clara Giménez Arteaga	From resolved, obscured star formation at $z \sim 0$ , to the lensed galaxy A1689-zD1 at $z = 7.13$
12:30	Lunch	
13:30	<b>First stars and galaxies</b> Review by Pascal Oesch	
	Anne Hutter	Is the visibility of Ly $\alpha$ emitters sensitive to the ionising escape fraction during reionization?
	Victoria Strait	What we hope to see with JWST: the CANadian NIRISS Unbiased Cluster Survey
14:30	Coffee break	
15:00	<b>Reionization</b> Review by Anne Hutter	
	Gonzalo Prieto Lyon	Lyman Alpha Emitters at the end of reionization
	Ting-Yi Lu	Reionization morphology--Can we distinguish between big- and small- bubble morphologies with galaxy Ly $\alpha$ emission equivalent widths?