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.

09:00	Light breakfast		
09:30	Sune Toft & Thomas Grev	ve Welcome	
09:45	Special session #1: JWST updates <i>Review by Gabe Brammer</i>		
	Steven Gillman	The MIRI Deep Imaging Survey	
	Luis Colina	ТВА	
10:45	Coffee break		
11:00	Galaxy evolution Review by Minju Lee		
	John Weaver	COSMOS2020	
	Shuowen Jin	The Super-deblended catalog and optically thick dust dust at high-z	
	Nikolaj Sillassen	GalCluster: Automatic Search for Galaxy Clusters by Overdensity Mapping	
	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~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	Quenching		
	Review by Adam Carnall	+ Tracing the most massive galaxies back to the first billion years	
	Thomas Herard	SED-fitting of Massive Quiescent Galaxies with PROSPECTOR	
15:45	Special session #2: Outreach and scicomm		
	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	Putting in all together (theory)		
	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	00 Coffee break		
11:15	Interstellar medium		
	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 $z\sim0$, to the lensed galaxy A1689-zD1 at $z=7.13$	
12:30	Lunch		
13:30	First stars and galaxies		
	Review by Pascal Oesch		
	Anne Hutter	Is the visibility of Ly α 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	Reionization		
	Review by Anne Hutter		
	Gonzalo Prieto Lyon	Lyman Alpha Emitters at the end of reionization	
	Ting-Yi Lu	Reionization morphologyCan we distinguish between big- and small- bubble morphologies with galaxy Lya emission equivalent widths?	