

First Light conference schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
9.00 - 10.30	<ol style="list-style-type: none"> Welcome Jorryt Matthee Crystal Martin John Chisholm lightning talks 	<ol style="list-style-type: none"> Caitlin Casey Lily Whitler Seiji Fujimoto Brant Robertson lightning talks 	<ol style="list-style-type: none"> Linhua Jiang Phoebe Upton Sanderbeck Elia Pizzati Sofia Rojas Eli Visbal Kohei Inayoshi 	<ol style="list-style-type: none"> Christina Williams Tobias Looser Jeyhan Kartaltepe Anna de Graaf Karl Glazebrook 	<ol style="list-style-type: none"> Ivo Labbé Kenneth Duncan Rebecca Larson Rycharad Bouwens Peixin Zhu
11.00-12.30	<ol style="list-style-type: none"> Madeline Marshall Masafusa Onoue John Silverman Minghao Yue lightning talks 	poster session	<ol style="list-style-type: none"> Pascal Oesch Aayush Saxena Anne Jaskot Rongmon Bordoloi Rebecca Davies 	<ol style="list-style-type: none"> Steven Finkelstein Micaela Bagley Andrew Bunker Dale Kocevski Yuichi Harikane 	<ol style="list-style-type: none"> Ewald Puchwein Dan Coe Rahul Kannan Michael Maseda Paul Shapiro Zheng Cai
14.00-15.30	<ol style="list-style-type: none"> Jane Rigby Allison Strom Joris Witstok Pablo Arrabal Haro lightning talks 	<ol style="list-style-type: none"> Jinyi Yang Jacelyn Champagne Daniel Whalen Federica Loiacono Ruari Mackenzie Hyewon Suh 	free afternoon	<ol style="list-style-type: none"> Rachel Somerville Anne Hutter Josh Borrow Xiaohui Fan & Daniel Eisenstein 	free afternoon
16.00-17.30	<ol style="list-style-type: none"> Melanie Habouzit Sindhu Satyavolu Muhammed Latif Haowen Zhang lightning talks 	<ol style="list-style-type: none"> Daichi Kashino Romain Meyer Mengtao Tang Ryan Endsley Michaela Hirschmann 	free afternoon	<ol style="list-style-type: none"> Joe Hennawi Fred Davies Jan-Torge Schindler Koki Kakiichi Feige Wang 	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <div style="width: 15px; height: 15px; background-color: #f4a460; margin: 0 auto;"></div> <p>EoR/enrichment</p> </div> <div style="text-align: center;"> <div style="width: 15px; height: 15px; background-color: #a4d4a4; margin: 0 auto;"></div> <p>quasars/SMBHs</p> </div> <div style="text-align: center;"> <div style="width: 15px; height: 15px; background-color: #f4a4a4; margin: 0 auto;"></div> <p>galaxies/feedback</p> </div> </div>

First Light Conference Program

Monday, June 12

9.00 - 10.30: *Galaxies in the EoR* (chairs: Christina Eilers & Dominika Durovcikova)

- Welcome
- Jorryt Matthee (25 mins): *Galaxies as agents of cosmic reionization in the JWST era*
- Crystal Martin (15 mins): *Galaxy Protoclusters as Drivers of Cosmic Reionization*
- John Chisholm (15 mins): *The sources of reionization: new clues from high and low-redshift*
- Lightning Talks (15 mins)

10.30 - 11.00: *Coffee break + posters*

11.00 - 12.30: *Quasar host galaxies*

- Madeline Marshall (25 mins): *Observing the Host Galaxies of High-z Quasars with JWST*
- Masafusa Onoue (15 mins): *Characterization of Starlight and Black Hole Activity in $z > 6$ Low-Luminosity Quasars*
- John Silverman (15 mins): *Interpreting the observed black hole - host galaxy mass relations at $z \sim 6$*
- Minghao Yue (15 mins): *Detecting the host galaxies of luminous quasars at $z \sim 6$*
- Lightning Talks (15 mins)

12.30 - 14.00: *Lunch break*

14.00 - 15.30: *Star Formation and Chemical Evolution* (chairs: Daniel Eisenstein & Minghao Yue)

- Jane Rigby (25 mins): *What's going on inside star-forming galaxies*
- Allison Strom (15 mins): *CECILIA: A direct-method metallicity calibration for Cosmic Noon through the Epoch of Reionization*
- Joris Witstok (15 mins): *Carbonaceous dust grains within galaxies seen in the first billion years of cosmic time*
- Pablo Arrabal Haro (15 mins): *High-z NIRSPEC spectroscopy in the CEERS ERS survey*
- Lightning Talks (15 mins)

15.30 - 16.00: *Coffee break + posters*

16.00 - 17.30: *The Growth of SMBHs*

- Melanie Habouzit (25 mins): *The assembly of the first massive black holes*

- Sindhu Satyavolu (15 mins): *Case for largely obscured growth of SMBHs in the first billion years based on quasar proximity zones*
- Daniel Whalen (15 mins): *The Turbulent Origin of the First Quasars*
- Haowen Zhang (15 mins): *The Luminosity-dependent Bias of the Supermassive Black Hole Mass–Galaxy Mass Relation for Bright Quasars at $z=6$*
- *Lightning Talks (15 mins)*

18.00: *Reception*

Tuesday, June 13

9.00 - 10.30: *SEDs of high- z galaxies* (chairs: Gourav Khullar & Huanqing Chen)

- Caitlin Casey (25 mins): *Formed too fast? Massive Galaxies at Cosmic Dawn*
- Lily Whittler (15 mins): *Probing galaxies at Cosmic Dawn with reionization-era star formation histories*
- Seiji Fujimoto (15 mins): *First FIR Views of the JWST High- z Sources at $z=8-17$*
- Brant Robertson (15 mins): *First Results on the Earliest Galaxies from the JADES/ NIRC*am* Program*
- *Lightning Talks (15 mins)*

10.30 - 11.00: *Coffee break*

11.00 - 12.30: *Poster Session*

12.30 - 14.00: *Lunch break*

14.00 - 15.30: *High- z quasars* (chairs: Rob Simcoe & Josh Burrow)

- Jinyi Yang (15 mins): *First Look at the Rest-frame Optical Spectra and Quasar Host Galaxies of $z > 6.5$ Luminous Quasars*
- Jacelyn Champagne (15 mins): *Characterizing the Properties of [OIII] Emitters in the Fields of EoR Quasars*
- Akos Bogdan (15 mins): *Detection of a Gravitationally-Lensed X-ray Quasar 470 million years after the Big Bang*
- Federica Loiacono (15 mins): *A NIRS*pec*/IFU view of a quasar at the cosmic dawn*
- Ruari Mackenzie (15 mins): *The Large Scale Environment of a 10^{10} Solar Mass Quasar at $z=6.3$*
- Hyewon Suh (15 mins): *A Missing black hole population of optically-invisible X-ray sources in the early Universe*

15.30 - 16.00: *Coffee break + posters*

16.00 - 17.30: *Galaxies in the EoR*

- Daichi Kashino (25 mins): *The Role of Galaxies in Reionization: First Views from the EIGER Survey*
- Romain Meyer (15 mins): *Probing high-redshift galaxy properties with [OIII], H β and H α luminosity functions at $z \sim 5-9$*
- Mengtao Tang (15 mins): *JWST/NIRSpec spectroscopy of $z = 7 - 9$ star-forming galaxies with CEERS: new insights into bright Ly-alpha emitters in ionized bubbles*
- Ryan Endsely (15 mins): *The Star-forming and Ionizing Properties of UV-faint $z \sim 7-9$ Galaxies*
- Michaela Hirschmann (15 mins): *Emission-line properties of IllustrisTNG galaxies: high-redshift predictions for JWST*

19.00 - 22.00: *Pizza and Bowling at Sacco's for students and postdocs*

Wednesday, June 14

9.00 - 10.30: *High-z Quasars and SMBH seeds* (chairs: Madeline Marshall & Sindhu Satyavolu)

- Linhua Jiang (15 mins): *Definitive upper bound on the negligible contribution of quasars to cosmic reionization*
- Phoebe Upton Sanderbeck (15 mins): *The impact of reionization on black hole growth*
- Elia Pizzati (15 mins): *Interpreting JWST overdensity measurements around high redshift quasars with large-volume cosmological simulations*
- Sofia Rojas (15 mins): *Exploring the Mpc-environment of one of the earliest quasars at $z = 7.54$*
- Eli Visbal (15 mins): *The Impact of Feedback Processes on Population III Star Formation*
- Kohei Inayoshi (15 mins): *The assembly of first massive black holes and prospects of JWST observations*

10.30 - 11.00: *Coffee break + posters*

11.00 - 12.30: *EoR and metal enrichment*

- Pascal Oesch (25 mins): *On the Search for the First Galaxies with the JWST*
- Aayush Saxena (15 mins): *Discovery of an extreme Lyman alpha emitting galaxy (EW=390A!!) at $z=7.3$*
- Anne Jaskot (15 mins): *Predicting High-Redshift LyC Escape Using Low-Redshift Analogs*

- Rongmon Bordoloi (15 mins): *The EIGER Survey: Characterizing the Early Cosmic Ecosystems with JWST*
- Rebecca Davies (15 mins): *XQR-30: Metal Absorbers Probing Chemical Enrichment and Outflows at $z > 5$*

19.00: *Outreach event at the MIT Museum + stargazing*

Thursday, June 15

9.00 - 10.30: *Galaxy Quenching* (chair: Jorryt Matthee & Dominika Durovcikova)

- Christina Williams (25 mins): *TBD*
- Tobias Looser (15 mins): *Discovery of a quenched galaxy at $z=7.3$*
- Jeyhan Kartaltepe (15 mins): *First Results from COSMOS-Web: The JWST Cosmic Origins Survey*
- Anna de Graaf (15 mins): *Tumultuous origins or settled disks? Probing galaxy kinematics with JWST NIRSpec*
- Karl Glazebrook (15 mins): *JWST Spectroscopy of Red Monsters at $3 < z < 4$*

10.30 - 11.00: *Coffee break + posters*

11.00 - 12.30: *The Redshift Frontier*

- Steven Finkelstein (25 mins): *Our First View into the Early Universe with CEERS*
- Micaela Bagley (15 mins): *Bright Galaxies at $z \sim 9-11$ with JWST*
- Andrew Bunker (15 mins): *NIRSpec-GTO Multi-Object Spectroscopy of High Redshift Galaxies - the JWST Advanced Deep Extragalactic Survey*
- Dale Kocevski (15 mins): *Insights into Early SMBH Growth from the CEERS Survey*
- Yuichi Harikane (15 mins): *UV Luminosity Function and Cosmic SFR Density at $z \sim 9-16$ from JWST*

12.30 - 14.00: *Lunch break*

14.00 - 15.30: *EoR simulations* (chairs: Rohan Naidu & Huanqing Chen)

- Rachel Somerville (25 mins): *What can we learn about galaxy formation from observations of the first galaxies?*
- Anne Hutter (15 mins): *Unveiling reionisation with Lyman-alpha emitters and the 21cm signal*
- Josh Borrow (15 mins): *Reionization-induced morphological transformations in early galaxies*
- Xiaohui Fan & Daniel Eisenstein (discussion session)

15.30 - 16.00: *Coffee break + posters*

16.00 - 17.30: *Quasar environments*

- Joe Hennawi (25 mins): *Quasars in a Neutral Universe*
- Fred Davies (15 mins): *Cracking the "Cosmic Egg": Detecting Reionization-Epoch Quasar Light Echoes with JWST*
- Jan-Torge Schindler (15 mins): *A first step towards mapping reionisation epoch quasar light-echoes with JWST*
- Koki Kakiichi (15 mins): *Cosmography in the era of JWST: photometric IGM tomography across cosmic time*
- Feige Wang (15 mins): *A SPectroscopic survey of biased halos In the Reionization Era (ASPIRE): Distant Quasars as Tracers of Galaxy Overdensities*

19.00: *Conference dinner*

Friday, June 16

9.00 - 10.30: *AGN and massive galaxies* (chairs: Joe Hennawi & JT Schindler)

- Ivo Labbe (25 mins): *Uncovering red riddles at high redshift*
- Kenneth Duncan (15 mins): *JWST's resolved view of massive galaxy formation and AGN feedback at high redshift*
- Rebecca Larson (15 mins): *CEERS Spectroscopic Confirmation and Characterization of HST-Selected Galaxies in the Heart of the Epoch of Reionization with JWST/NIRSpec*
- Rychard Bouwens + Lucie Rowland (15 mins): *ALMA+JWST View of Massive Galaxies at $z \sim 7$: First Results for the REBELS sample*
- Peixin Zhu (15 mins): *Using New Photoionization Model of Active Galactic Nuclei to JWST data*

10.30 - 11.00: *Coffee break + posters*

11.00 - 12.30: *Galaxies in the EoR*

- Ewald Puchwein (15 mins): *Modelling patchy cosmic reionization and its imprint on the Lyman-alpha forest*
- Dan Coe (15 mins): *JWST Imaging and Spectroscopy of Lensed High-Redshift Galaxies and Stars*
- Rahul Kannan (15 mins): *What do simulations tell us about the observed galaxy population at $z \geq 8$*
- Michael Maseda (15 mins): *NIRSpec Spectroscopy of ultra-faint Lyman-alpha Emitters at $z \sim 5$*

- Paul Shapiro (15 mins): *New Results from The Cosmic Dawn (“CoDa”) Project: Simulating Reionization and Galaxy Formation*
- Zheng Cai (15 mins): *Mapping the Interstellar and Circumgalactic Medium of High-redshift Galaxies at $z=2-6$ using the James Webb Space Telescope, ALMA, and Keck*