Charlotte Mason

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Cosmic Dawn Center, University of Copenhagen

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Research Interests

Hydrogen reionization; high redshift galaxy formation and evolution; evolution of the intergalactic medium; dark matter; Lyman-α emission; 21-cm signal; gravitational lensing; Bayesian statistics

Academic Employment

Associate Professor of Extragalactic Astrophysics — 2021 –
Cosmic Dawn Center, Niels Bohr Institute, University of Copenhagen, Denmark

NASA Hubble Fellow & CfA Fellow — 2018 – 2021
Center for Astrophysics | Harvard & Smithsonian, Cambridge, MA, USA

Education

2015 – 2018 | **Doctor of Philosophy (PhD)** in Astronomy
University of California, Los Angeles, California, USA
Thesis: "*Galaxies at the Epoch of Cosmic Reionization*". Advisor: Prof. Tommaso Treu

2013 – 2015 | **Master of Arts (MA)** in Physics, with Astrophysics Emphasis
University of California, Santa Barbara, California, USA

2009 – 2013 | **Master of Physics (MPhys)**, 4 Year Undergraduate Honours Degree
Merton College, University of Oxford, Oxford, UK
Thesis: "*High-Redshift Disk Formation*". Supervisors: Dr. Julien Devriendt & Dr. Adrianne Slyz

Selected Honours, Fellowships, and Awards

L'Oréal-UNESCO For Women in Science Prize, *Royal Danish Academy of Science and Letters*, 2023
NASA Hubble Fellowship, 2018
CfA Fellowship, *Harvard-Smithsonian Center for Astrophysics*, 2018
Rodger Doxsey Prize, *AAS*, 2018
Dr. Pliny A. and Margaret H. Price Prize in Cosmology and AstroParticle Physics, *CCAPP, Ohio State University*, 2017
NASA Earth and Space Science Fellowship (NESSF), 2016 – 2018
Chair's Outstanding Service Award, *Physics Department, UC Santa Barbara*, 2015
Yzurdiaga Graduate Fellowship, *UC Santa Barbara*, 2013
Broida Fellowship, Physics Department, *UC Santa Barbara*, 2013
Fowler Prize for Achievement, 4 times, *Merton College, University of Oxford*, 2009 – 2013
Exhibition (Prize Scholarship), *Merton College, University of Oxford*, 2012
Summer Undergraduate Research Fellowship, *California Institute of Technology*, 2011
Scholar, International Summer School for Young Physicists, *Perimeter Institute*, 2008

Publications

99 journal articles (6 under review), including 10 as first author and 8 by students and postdocs directly under my supervision. 1190 first author paper citations, 5247 total citations. h index of 44 (ADS 2024-10-06). Full publication list at end of CV.

Invited Colloquia, Seminars and Lectures

35. Ockham Lecture, Merton College, University of Oxford, UK, 2024 — Colloquium
34. Munich Joint Astronomy Colloquium, ESO, Germany, 2023 — Colloquium
33. Aarhus University, Denmark, 2023 — Colloquium
32. Stockholm University, Sweden, 2023 — Seminar
31. University of Southern California, USA, 2023 — Seminar
30. University of Edinburgh, UK, 2023 — Colloquium

29. Laboratoire d'Astrophysique de Marseille, France, 2022 Seminar
28. Scuola Normale Superiore di Pisa, Italy, 2022 Colloquium
27. Uppsala University, Sweden, 2022 Seminar
26. Imperial College London, UK, 2022 Seminar
25. University of Hertfordshire, UK, 2022 Seminar
24. Niels Bohr Institute, University of Copenhagen, Denmark, 2021 Tenure Lecture
23. UCLA, USA, 2021 Colloquium
22. Kathmandu Astrophysics School, Nepal, 2020 Lecture
21. University of Arizona, USA, 2020 Seminar
20. Cosmic Dawn Center, University of Copenhagen, Denmark, 2020 Seminar
19. University of Sussex, UK, 2020 Colloquium
18. Institute for Cosmology and Gravitation, Portsmouth, UK, 2020 Colloquium
17. Lancaster University, UK, 2020 Seminar
16. University of Minnesota, USA, 2020 Colloquium
15. UT Austin, USA, 2019 Colloquium
14. Tufts University, USA, 2019 Seminar
13. University of Michigan, USA, 2019 Colloquium
12. University of Melbourne, Australia, 2019 Colloquium
11. CITA, Canada, 2019 Seminar
10. McGill Space Institute, Canada, 2018 Seminar
9. University of Connecticut, USA, 2018 Seminar
8. Harvard-Smithsonian CfA, USA, 2018 Seminar
7. UC Berkeley, USA, 2017 Seminar
6. KIPAC, Stanford University, USA, 2017 Seminar
5. UC Santa Barbara, USA, 2017 Seminar
4. CCAPP, Ohio State University, USA, 2017 Seminar
3. University of Oxford, UK, 2016 Seminar
2. UC Davis, USA, 2016 Seminar
1. Institute for Cosmology and Gravitation, Portsmouth, UK, 2015 Seminar

Conference Talks

Including 22 invited conference talks and reviews since 2016, marked with *****

35. Cosmic Lyman Alpha workshop, Kochel, Germany, 2024
34. Cosmic Dawn at High Latitudes program, Nordita, Sweden, 2024
*****33. The chronology of the very early Universe according to JWST: the first billion years, ISSI, Switzerland, 2024
*****32. Growth of Galaxies in the Early Universe, Sexten CfA, Italy, 2024
*****31. I2I: Linking galaxy physics from ISM to IGM scales, Sexten CfA, Italy, 2024
*****30. JWST turns one: the birth and growth of galaxies, Sexten CfA, Italy, 2023
*****29. Reionization in the Summer, Heidelberg, Germany, 2023
*****28. Annual Danish Astronomy Meeting, Frederica, Denmark, 2023
*****27. A new era in extragalactic astronomy: early results from JWST, Cambridge, UK, 2023 Invited Review
*****26. Growth of Galaxies in the Early Universe, Sexten CfA, Italy, 2023
*****25. Understanding the epoch of cosmic reionization, Sexten CfA, Italy, 2023
*****24. The Co-evolution of the Cosmic Web and Galaxies across Cosmic Time, KITP, CA, 2023
*****23. Reionization on a Blackboard, New York, NY, 2022 Invited Review
*****22. DAWN Inauguration Conference, Copenhagen, DK, 2022
*****21. Reionization and Cosmic Dawn, Berkeley, CA, 2022 (cancelled due to illness)
*****20. Growth of Galaxies in the Early Universe, Sexten CfA, Italy, 2022 Invited Review
19. SAZERAC: The 21cm signal, online, 2022
*****18. SAZERAC: Learning the high-redshift Universe, online, 2022 Invited Review
*****17. DAWN Summit, Copenhagen, DK, 2021 Invited Review
16. Cosmology From Home, online, 2021
*****15. EAS Symposium: Panchromatic and hyper-spectral observations of Cluster Lenses and Lensed Galaxies, online, 2020
*****14. Growth of Galaxies in the Early Universe, Sexten CfA, Italy, 2020
13. Barefoot EoR, Fitzroy Island, Australia, 2019
12. Big Eyes on the Early Universe, Los Angeles, CA, 2019

*11. Growth of Galaxies in the Early Universe, Sexten CfA, Italy, 2019
*10. KMOS@5, ESO, Garching, Germany, 2018
*9. Growth of Galaxies in the Early Universe, Sexten CCfA, Italy, 2018
8. AAS 231, Washington DC, 2018 Dissertation Talk
7. Cosmic Dawn with JWST, STScI, Baltimore, MD, 2017
6. EWASS SS15: Unravelling the First Billion Years, Prague, CZ, 2017
5. Physical Characteristics of Normal Galaxies at $z > 2$, Leiden, NL, 2016
4. Galaxy Workshop, UC Santa Cruz, CA, 2016
3. The Reionization Epoch, Aspen Center for Physics, Aspen, CO, 2016
*2. Growth of Galaxies in the Early Universe, Sexten CfA, Italy, 2016
1. First Light & Cosmology, Institut Astrophysique de Paris, France, 2015

Advising and Teaching Experience

PhD students

- Kimi Cardoso Kreilgaard (University of Copenhagen), 2024-
  Primary supervisor.
- Jo Verwohlt (University of Copenhagen), 2023-2024
  Project supervisor. 1 paper accepted.
- Ting-Yi Lu (University of Copenhagen), 2021-
  Primary supervisor. 1 paper published.
- Gonzalo Prieto Lyon (University of Copenhagen), 2021-
  Primary supervisor. 2 papers published.
- Rohan Naidu (Harvard), 2018-2020
  Co-supervisor for projects related to reionization. 2 papers published.

Masters students

- Kimi Cardoso Kreilgaard (University of Copenhagen → UCPH PhD)
  Primary supervisor, 2023. 1 paper published.

Bachelors students

- Alexa Morales (Florida International University → UT Austin, NSF Graduate Research Fellow)
  Supervisor for SAO Summer REU program, 2020. 1 paper published.
- Lily Whitler (Arizona State University → University of Arizona, NSF Graduate Research Fellow)
  Supervisor for SAO Summer REU program, 2019. 1 paper published.

Examinations

- PhD defense committee: Vasily Kokorev (NBI), Lukas Furtak (Sorbonne Université, France)

Teaching

- Primary Instructor: *The Early Universe*. MSc course. Unversity of Copenhagen 2024–.
- Lecturer: *Cosmology*. BSc course. Unversity of Copenhagen 2022.
- Lecturer: *Extragalactic Astrophysics*. BSc course. Unversity of Copenhagen 2021–2022.
- Primary Instructor: *Astronomy Lab*, 2015–2017. Interactive class taught in a planetarium and observatory. As Adjunct Faculty, Santa Barbara City College
- Teaching Assistant: *Quantum Mechanics*, *Physics 1 - Classical Mechanics* for non-Physics student. Physics Department, UCSB

Training in teaching and mentorship

- University Pedagogy course, University of Copenhagen, 2023-2024
- Introduction to University Pedagogy course, University of Copenhagen, 2022
- PhD Supervision course, University of Copenhagen, 2021
- The Science of Teaching Science course, Harvard University, 2021
- Certificate in Undergraduate Mentoring in Science Education, Harvard University, 2020
- AAS Astronomy Ambassador, 2018

Major Grants (PI)

Career total: $4 million (27 million DKK) in external funding.

3. Starting Grant, ERC, 2024 — 1.5 million EUR
2. Semper Ardens: Accelerate grant, Carlsberg Foundation, 2022 — 5 million DKK
1. Villum Young Investigator, Villum Foundation, 2021 — 8 million DKK

Approved Observing Proposals (PI)

5. JWST-GO-04287. Deep Spectroscopy of the First Ionized Bubbles: New Insight into the Beginning of Reionization (22 hours)
4. JWST-GO-03990. A NIRCam Pure-Parallel Imaging Survey of Galaxies Across the Universe (as Co-PI, PI T. Morishita, 600 hours)
3. ESO-109.24EZ.001 (DDT). The high redshift universe in full colour: the power of MUSE and JWST (5 hours)
2. MMT/Binospec 2019-2020. Unraveling Reionization with Resolved Lyman Alpha (15.5 nights)
1. Magellan/FIRE 2020. The Evolution of Super Massive Black Holes in the First Billion Years (2 nights)

Approved Observing Proposals (CoI)

JWST (1 ERS program – PI Treu, 7 GO programs – PIs: Dunlop, Malkan, Oesch, Roberts-Borsani, Becker, Castellano, Atek), HST (4 GO progams – PIs: Treu, Trenti, 2 archival programs – PIs: Bradač, Morishita), Spitzer (1 program – PI: Bouwens), ESO (3 programs – PIs: Fontana, Sanchez-Janssen, Hayes), MMT (1 program – PI: Tacchella)

Professional Service

- Vice Section Leader, DAWN, Niels Bohr Institute 2024-
- JWST User Committee ESA representive 2023-
- Conference scientific organizing committees: SAZERAC conference (online) 2020, 2021; EAS Symposium (Seville, Spain) 2021, First Light Conference (Boston, USA) 2023; First Stars Conference (New York, USA) 2024; Nordita Program “Cosmic Dawn at High Latitudes” (Stockholm, Sweden) 2024
- Seminar organizing: DAWN Cake talks, CfA High Redshift Galaxy Evolution Meeting, CfA Galaxies & Cosmology Seminar, UCSB Astrophysics Colloquia
- Grant/observing proposal reviewing: JWST TAC External Review, NSF Astronomy and Astrophysics Grants, NASA Astrophysics Data Analysis Program, NASA FINESST graduate fellowship,
- Hiring committees: DAWN Fellowship committee (chair 2022), DAWN PhD selection committee
- Journal referee: ApJ, MNRAS, A&A, PRL
- Software tester for STScI JWST Data Analysis Development Forum

Media, Outreach and DEI

- Media Interviews:
  - TV/video: BBC/PBS NOVA “Universe”; Videnskab.dk
  - Radio: NPR ”All Things Considered”
  - Print: Scientific American; Science; Nature
- Outreach:
  - NASA Universe of Learning Subject Matter Expert
  - AAS Astronomy Ambassador
  - Organiser, host and speaker at Astronomy on Tap, Santa Barbara and Boston
  - Invited Public Talks: Royal Danish Academy of Science and Letters; Merton College, Oxford; Santa Barbara City College; Santa Barbara Salon; Santa Barbara Astronomical Society - Volunteer at Cambridge Explores the Universe
  - Virtual classroom visits with YouthAstroNet
- DEI:
  - Contributor to NHFP Anti-Racism Initiative: https://www.nhfp-equity.org
  - Committee member of UCSB Women in Physics group
  - Started a mentorship program for women in STEM at Oxford University

Publication List Names of students and postdocs directly under my supervision are underlined.

First author and group publications

18. Gelli, V., Mason, C., and Hayward, C. C. The impact of mass-dependent stochasticity at cosmic dawn. Accepted for publication in ApJ, arXiv:2405.13108, 2024.
17. Kreilgaard, K. C., et al. Inferring the Distribution of the Ionising Photon Escape Fraction. Accepted for publication in A&A, arXiv:2405.10364, 2024.
16. Verwohlt, J., et al. Separating Dark Acoustic Oscillations from Astrophysics at Cosmic Dawn. Accepted for publication in PRD [**Editors' Suggestion**], arXiv:2404.17640, 2024.
15. Lu, T.-Y., et al. The reionizing bubble size distribution around galaxies. MNRAS, 528, 3:4872–4890, 2024.
14. Prieto-Lyon, G., et al. Early Results from GLASS-JWST. XXIII. The Transmission of Lyα from UV-faint z 3-6 Galaxies. ApJ, 956, 2:136, 2023.
13. Mason, C. A., et al. 21CMFISH: Fisher-matrix framework for fast parameter forecasts from the cosmic 21-cm signal. MNRAS, 524, 3:4711–4728, 2023.
12. Mason, C. A., Trenti, M., and Treu, T. The brightest galaxies at cosmic dawn. MNRAS, 521, 1:497–503, 2023.
11. Prieto-Lyon, G., et al. The production of ionizing photons in UV-faint z $\sim$ 3-7 galaxies. A&A, 672:A186, 2023.
10. Morales, A. M., et al. The Evolution of the Lyman-alpha Luminosity Function during Reionization. ApJ, 919, 2:120, 2021.
9. Mason, C. A. and Gronke, M. Measuring the properties of reionized bubbles with resolved Lyα spectra. MNRAS, 499, 1:1395–1405, 2020.
8. Whitler, L. R., et al. The impact of scatter in the galaxy UV luminosity to halo mass relation on Ly α visibility during the epoch of reionization. MNRAS, 495, 4:3602–3613, 2020.
7. Mason, C. A., et al. Model-independent constraints on the hydrogen-ionizing emissivity at z > 6. MNRAS, 489, 2:2669–2676, 2019.
6. Mason, C. A., et al. Inferences on the timeline of reionization at z $\sim$ 8 from the KMOS Lens-Amplified Spectroscopic Survey. MNRAS, 485, 3:3947–3969, 2019.
5. Mason, C. A., et al. Beacons into the Cosmic Dark Ages: Boosted Transmission of Lyα from UV Bright Galaxies at z $\gtrsim$ 7. ApJ, 857, 2:L11, 2018.
4. Mason, C. A., et al. The Universe Is Reionizing at z $\sim$ 7: Bayesian Inference of the IGM Neutral Fraction Using Lyα Emission from Galaxies. ApJ, 856, 1:2, 2018.
3. Mason, C. A., et al. First Results from the KMOS Lens-Amplified Spectroscopic Survey (KLASS): Kinematics of Lensed Galaxies at Cosmic Noon. ApJ, 838, 1:14, 2017.
2. Mason, C. A., Trenti, M., and Treu, T. The Galaxy UV Luminosity Function before the Epoch of Reionization. ApJ, 813, 1:21, 2015.
1. Mason, C. A., et al. Correcting the z $\sim$ 8 Galaxy Luminosity Function for Gravitational Lensing Magnification Bias. ApJ, 805, 1:79, 2015.

Contributing author publications

81. Mascia, S., et al. The GLASS-JWST Early Release Science Program: IV. Data release of 263 spectra from 245 unique sources. A&A, 690:A2, 2024.
80. Tang, M., et al. Lyα Emission Line Profiles of Extreme [O III]- emitting Galaxies at z $\gtrsim$ 2: Implications for Lyα Visibility in the Reionization Era. ApJ, 972, 1:56, 2024.
79. Castellano, M., et al. JWST NIRSpec Spectroscopy of the Remarkable Bright Galaxy GHZ2/GLASS-z12 at Redshift 12.34. ApJ, 972, 2:143, 2024.
78. Muñoz, J. B., et al. Reionization after JWST: A photon budget crisis? MNRAS, 2024. arXiv:2404.07250 [astro-ph.CO].
77. Donnan, C. T., et al. JWST PRIMER: a new multifield determination of the evolving galaxy UV luminosity function at redshifts z 9 - 15. MNRAS, 533, 3:3222–3237, 2024.
76. Rojas-Ruiz, S., et al. The BoRG-$JWST$ Survey: Abundance and Mass-to-light Ratio of Luminous $z = 7 - 9$ Galaxies from Independent Sight Lines with NIRSpec. arXiv e-prints, arXiv:2408.00843, 2024.
75. Tang, M., et al. JWST/NIRSpec Observations of Lyα Emission in Star Forming Galaxies at $6.5 \lesssim z \lesssim 13$. arXiv e-prints, arXiv:2408.01507, 2024.
74. Marconi, A., et al. ANDES, the high resolution spectrograph for the ELT: science goals, project overview and future developments. arXiv e-prints, arXiv:2407.14601, 2024.
73. Roberts-Borsani, G., et al. The BoRG-JWST Survey: Program Overview and First Confirma-

tions of Luminous Reionization-Era Galaxies from Pure-Parallel Observations. arXiv e-prints, arXiv:2407.17551, 2024.
72. Giménez-Arteaga, C., et al. Outshining in the spatially resolved analysis of a strongly lensed galaxy at z = 6.072 with JWST NIRCam. A&A, 686:A63, 2024.
71. Cueto, E. R., et al. ASTRAEUS. IX. Impact of an evolving stellar initial mass function on early galaxies and reionisation. A&A, 686:A138, 2024.
70. Adamo, A., et al. The First Billion Years, According to JWST. arXiv e-prints, arXiv:2405.21054, 2024.
69. Boyett, K., et al. A massive interacting galaxy 510 million years after the Big Bang. Nature Astronomy, 8:657–672, 2024.
68. Kocevski, D. D., et al. The Rise of Faint, Red AGN at $z > 4$: A Sample of Little Red Dots in the JWST Extragalactic Legacy Fields. arXiv e-prints, arXiv:2404.03576, 2024.
67. Whitler, L., et al. Insight from JWST/Near Infrared Camera into galaxy overdensities around bright Lyman-alpha emitters during reionization: implications for ionized bubbles at z 9. MNRAS, 529, 2:855–872, 2024.
66. Matthee, J., et al. Little Red Dots: An Abundant Population of Faint Active Galactic Nuclei at z $\sim$ 5 Revealed by the EIGER and FRESCO JWST Surveys. ApJ, 963, 2:129, 2024.
65. Chen, Z., et al. JWST spectroscopy of z 5-8 UV-selected galaxies: new constraints on the evolution of the Ly α escape fraction in the reionization era. MNRAS, 528, 4:7052–7075, 2024.
64. He, X., et al. Early Results from GLASS-JWST. XXIV. The Mass-Metallicity Relation in Lensed Field Galaxies at Cosmic Noon with NIRISS. ApJ, 960, 2:L13, 2024.
63. Tang, M., et al. JWST/NIRSpec spectroscopy of z = 7-9 star-forming galaxies with CEERS: new insight into bright Lyα emitters in ionized bubbles. MNRAS, 526, 2:1657–1686, 2023.
62. Heintz, K. E., et al. Dilution of chemical enrichment in galaxies 600 Myr after the Big Bang. Nature Astronomy, 7:1517–1524, 2023.
61. Oesch, P. A., et al. The JWST FRESCO survey: legacy NIRCam/grism spectroscopy and imaging in the two GOODS fields. MNRAS, 525, 2:2864–2874, 2023.
60. Bruton, S., et al. The Impact of Cosmic Variance on Inferences of Global Neutral Fraction Derived from Lyα Luminosity Functions during Reionization. ApJ, 953, 1:29, 2023.
59. Bergamini, P., et al. The GLASS-JWST Early Release Science Program. III. Strong-lensing Model of Abell 2744 and Its Infalling Regions. ApJ, 952, 1:84, 2023.
58. Paris, D., et al. The GLASS-JWST Early Release Science Program. II. Stage I Release of NIRCam Imaging and Catalogs in the Abell 2744 Region. ApJ, 952, 1:20, 2023.
57. Roy, N., et al. Early Results from GLASS-JWST. XXII. Rest-frame UV-Optical Spectral Properties of Lyα Emitting Galaxies at 3 < z < 6. ApJ, 952, 1:L14, 2023.
56. Yue, M., et al. Detecting and Characterizing Young Quasars. III. The Impact of Gravitational Lensing Magnification. ApJ, 950, 2:105, 2023.
55. Jacobs, C., et al. Early Results from GLASS-JWST. XVIII. A First Morphological Atlas of the 1 < z < 5 Universe in the Rest-frame Optical. ApJ, 948, 2:L13, 2023.
54. Giménez-Arteaga, C., et al. Spatially Resolved Properties of Galaxies at 5 < z < 9 in the SMACS 0723 JWST ERO Field. ApJ, 948, 2:126, 2023.
53. Castellano, M., et al. Early Results from GLASS-JWST. XIX. A High Density of Bright Galaxies at z $\approx$ 10 in the A2744 Region. ApJ, 948, 2:L14, 2023.
52. Roberts-Borsani, G., et al. Nature and Nurture? Comparing Lyα Detections in UV-bright and Fainter [O III]+Hβ Emitters at z 8 with Keck/MOSFIRE. ApJ, 948, 1:54, 2023.
51. Morishita, T., et al. Early Results from GLASS-JWST. XIV. A Spectroscopically Confirmed Protocluster 650 Million Years after the Big Bang. ApJ, 947, 2:L24, 2023.
50. Mascia, S., et al. Closing in on the sources of cosmic reionization: First results from the GLASS-JWST program. A&A, 672:A155, 2023.
49. Nanayakkara, T., et al. Early Results from GLASS-JWST. XVI. Discovering a Bluer z 4-7 Universe through UV Slopes. ApJ, 947, 2:L26, 2023.
48. Glazebrook, K., et al. Early Results from GLASS-JWST. XV. Properties of the Faintest Red Sources in the NIRCAM Deep Fields. ApJ, 947, 2:L25, 2023.
47. Dressler, A., et al. Early Results from GLASS-JWST. XVII. Building the First Galaxies-Chapter 1. Star Formation Histories for 5 < z < 7 Galaxies. ApJ, 947, 2:L27, 2023.
46. Bakx, T. J. L. C., et al. Deep ALMA redshift search of a z $\sim$ 12 GLASS-JWST galaxy candidate. MNRAS, 519, 4:5076–5085, 2023.
45. Treu, T., et al. Early Results From GLASS-JWST. XII. The Morphology of Galaxies at the Epoch of Reionization. ApJ, 942, 2:L28, 2023.

44. Leethochawalit, N., et al. Early Results from GLASS-JWST. X. Rest-frame UV-optical Properties of Galaxies at 7 < z < 9. ApJ, 942, 2:L26, 2023.
43. Santini, P., et al. Early Results from GLASS-JWST. XI. Stellar Masses and Mass-to-light Ratio of z > 7 Galaxies. ApJ, 942, 2:L27, 2023.
42. Boyett, K., et al. Early Results from GLASS-JWST. VI. Extreme Rest-optical Equivalent Widths Detected in NIRISS Wide Field Slitless Spectroscopy. ApJ, 940, 2:L52, 2022.
41. Bolan, P., et al. Inferring the intergalactic medium neutral fraction at z 6-8 with low-luminosity Lyman break galaxies. MNRAS, 517, 3:3263–3274, 2022.
40. Roberts-Borsani, G., et al. Early Results from GLASS-JWST. I: Confirmation of Lensed z $\geq$ 7 Lyman-break Galaxies behind the Abell 2744 Cluster with NIRISS. ApJ, 938, 2:L13, 2022.
39. Yang, L., et al. Early Results from GLASS-JWST. V: The First Rest-frame Optical Size-Luminosity Relation of Galaxies at z > 7. ApJ, 938, 2:L17, 2022.
38. Castellano, M., et al. Early Results from GLASS-JWST. III. Galaxy Candidates at z 9-15. ApJ, 938, 2:L15, 2022.
37. Merlin, E., et al. Early Results from GLASS-JWST. II. NIRCam Extragalactic Imaging and Photometric Catalog. ApJ, 938, 2:L14, 2022.
36. Ishikawa, Y., et al. Unresolved z 8 Point Sources and Their Impact on the Bright End of the Galaxy Luminosity Function. ApJ, 936, 2:167, 2022.
35. Treu, T., et al. The GLASS-JWST Early Release Science Program. I. Survey Design and Release Plans. ApJ, 935, 2:110, 2022.
34. Ntampaka, M., et al. A Referee Primer for Early Career Astronomers. arXiv e-prints, arXiv:2205.14270, 2022.
33. Muñoz, J. B., et al. The impact of the first galaxies on cosmic dawn and reionization. MNRAS, 511, 3:3657–3681, 2022.
32. Valentino, F., et al. The Archival Discovery of a Strong Lyα and [C II] Emitter at z = 7.677. ApJ, 929, 1:L9, 2022.
31. Gronke, M., et al. Lyman-α transmission properties of the intergalactic medium in the CoDaII simulation. MNRAS, 508, 3:3697–3709, 2021.
30. Lemaux, B. C., et al. The size and pervasiveness of Ly α-UV spatial offsets in star-forming galaxies at z $\sim$ 6. MNRAS, 504, 3:3662–3681, 2021.
29. Roberts-Borsani, G., et al. Improving z $\sim$ 7-11 Galaxy Property Estimates with JWST/NIRCam Medium-band Photometry. ApJ, 910, 2:86, 2021.
28. Pelliccia, D., et al. RELICS-DP7: Spectroscopic Confirmation of a Dichromatic Primeval Galaxy at z $\sim$ 7. ApJ, 908, 2:L30, 2021.
27. Morishita, T., et al. SuperBoRG: Exploration of Point Sources at z $\sim$ 8 in HST Parallel Fields. ApJ, 904, 1:50, 2020.
26. Mirocha, J., Mason, C., and Stark, D. P. Effects of self-consistent rest-ultraviolet colours in semi-empirical galaxy formation models. MNRAS, 498, 2:2645–2661, 2020.
25. Girard, M., et al. The KMOS Lens-Amplified Spectroscopic Survey (KLASS): kinematics and clumpiness of low-mass galaxies at cosmic noon. MNRAS, 497, 1:173–191, 2020.
24. Fuller, S., et al. Spectroscopically Confirmed Lyα Emitters from Redshift 5 to 7 behind 10 Galaxy Cluster Lenses. ApJ, 896, 2:156, 2020.
23. Naidu, R. P., et al. Rapid Reionization by the Oligarchs: The Case for Massive, UV-bright, Star-forming Galaxies with High Escape Fractions. ApJ, 892, 2:109, 2020.
22. Bradač, M., et al. Hubble Frontier Field photometric catalogues of Abell 370 and RXC J2248.7-4431: multiwavelength photometry, photometric redshifts, and stellar properties. MNRAS, 489, 1:99–107, 2019.
21. Hoag, A., et al. Constraining Lyman-alpha spatial offsets at 3 < z < 5.5 from VANDELS slit spectroscopy. MNRAS, 488, 1:706–719, 2019.
20. Ren, K., Trenti, M., and Mason, C. A. The Brightest Galaxies at Cosmic Dawn from Scatter in the Galaxy Luminosity versus Halo Mass Relation. ApJ, 878, 2:114, 2019.
19. Hoag, A., et al. Constraining the Neutral Fraction of Hydrogen in the IGM at Redshift 7.5. ApJ, 878, 1:12, 2019.
18. Morishita, T., et al. The Bright-end Galaxy Candidates at z $\sim$ 9 from 79 Independent HST Fields. ApJ, 867, 2:150, 2018.
17. Livermore, R. C., et al. HST Follow-up Observations of Two Bright z $\sim$ 8 Candidate Galaxies from the BoRG Pure-parallel Survey. ApJ, 861, 2:L17, 2018.
16. Abramson, L. E., et al. The Grism Lens-amplified Survey from Space (GLASS). XII. Spatially Resolved Galaxy Star Formation Histories and True Evolutionary Paths at z > 1. AJ, 156, 1:29,

2018.
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