Curriculum Vitae
MICHAEL BOYLAN-KOLCHIN

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ACADEMIC POSITIONS

The University of Texas at Austin, Department of Astronomy
Professor (2023 –)
Associate Professor (2019 – 2023)
Assistant Professor (2015 – 2019)

University of Maryland, Department of Astronomy
Assistant Professor (2013 – 2015)

University of California, Irvine, Department of Physics and Astronomy
Southern California Center for Galaxy Evolution Fellow (2010 – 2013)

Max-Planck-Institut für Astrophysik (Garching, Germany)
Postdoctoral Fellow (2007 – 2010)

EDUCATION

Ph.D. in Physics, University of California, Berkeley: December 2006
B.A. in Astrophysics, magna cum laude (concentration in Mathematics), Columbia University: May 2001

PROFESSIONAL ACTIVITIES AND RECOGNITION

- Referee for Astronomy & Astrophysics, The Astrophysical Journal, Computational Astrophysics and Cosmology, Journal of Cosmology and Astroparticle Physics, Monthly Notices of the Royal Astronomy Society, Nature, Nature Astronomy, Physical Review D, Physical Review Letters, and Science
- Proposal reviewer for NASA, NSF, Hubble Space Telescope, Alfred P. Sloan Foundation, RCSA (Cottrell Scholars Program), ERC (Europe), DFG (Germany), SNSF (Switzerland), CSCS (Switzerland), German-Israeli Foundation, NSERC (Canada), FONDECYT (Chile), NWO (The Netherlands), PRACE (Europe), ISF (Israel), SNSB (Sweden), and The Royal Society (UK)
- Member, 2020 Decadal Survey on Astronomy & Astrophysics (Astro2020) Panel on Galaxies, NAS
- National Science Foundation CAREER (Faculty Early Career Development) Award (2018)
- Web of Science / Publons Highly Cited Researcher (2021)

SELECTED PUBLICATIONS (total: 19,468 citations, h-index=70 via NASA Astrophysics Data System on 2024.07.15)

Stress Testing ΛCDM with High-redshift Galaxy Candidates
M. Boylan-Kolchin (2023), Nature Astronomy, 7, 731 (208 citations)

Uncertain Times: The Redshift–Time Relation from Cosmology and Stars
M. Boylan-Kolchin, D. Weisz (2021), MNRAS, 505, 2764 (35 citations)

FIRE in the Field: Simulating the Threshold of Galaxy Formation
A. Fitts, M. Boylan-Kolchin, et al. (2017), MNRAS, 471, 3547 (204 citations)

Small-Scale Challenges to the ΛCDM Model
J. Bullock & M. Boylan-Kolchin (2017), Ann. Rev. Astron. Astrophys., 55, 343 (1117 citations)

Too Big to Fail? The Puzzling Darkness of Massive Milky Way Subhalos
M. Boylan-Kolchin, J. Bullock, M. Kaplinghat (2011), MNRAS, 415, L40 (1198 citations)

Resolving Cosmic Structure Formation with the Millennium-II Simulation
M. Boylan-Kolchin, V. Springel, S. White, A. Jenkins, G. Lemson (2009), MNRAS, 398, 1150 (800 citations)