

Alyson Brooks

Alyson Brooks is an associate professor of Physics & Astronomy at Rutgers, the State University of New Jersey. She is also a part-time Research Scientist at the Flatiron Institute's Center for Computational Astrophysics through the summer of 2024. Dr. Brooks is a theoretical astrophysicist with expertise in both the formation of galaxies and astrophysical constraints on dark matter. She creates high resolution cosmological simulations of galaxies, with a particular focus on dwarf galaxies. Dr. Brooks earned a B.A. in physics from Macalester College in 2000 and a Ph.D. in astronomy from the University of Washington in 2008. She held postdoctoral fellowships at Caltech and the University of Wisconsin, Madison, before joining the faculty at Rutgers. Her research has been recognized with multiple awards, including a 2015 Alfred P. Sloan Research Fellowship and the 2019 Maria Goeppert Mayer award by the American Physical Society.