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Abstract for an Invited Paper for the APR21 Meeting of the American Physical Society

Edward A. Bouchet Award (2021): Making a Universe Full of Axions and Justice

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In this talk, I discuss ongoing efforts to understand axion and axion-like particle (ALP) dark matter. I will give some insight into how I am using a range of tools – model building, computation, and high energy astrophysics – to get at the basic question of what is the statistical mechanics of axion dark matter? I will also make some comments along the way about the challenges we face in making physics reflect the best of humanity.