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Ph.D. Student in Physics, admitted Autumn 2019

 Curriculum Vitae available Online

Publications

PUBLICATIONS

- **Symphony: Cosmological Zoom-in Simulation Suites over Four Decades of Host Halo Mass** *ASTROPHYSICAL JOURNAL*
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- **Baryonic Effects on Lagrangian Clustering and Angular Momentum Reconstruction** *ASTROPHYSICAL JOURNAL*
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- **Detection of spatial clustering in the 1000 richest SDSS DR8 redMaPPer clusters with nearest neighbor distributions** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
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- **Early-type galaxy density profiles from IllustrisTNG - III. Effects on outer kinematic structure** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
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- **UniverseMachine: Predicting Galaxy Star Formation over Seven Decades of Halo Mass with Zoom-in Simulations** *ASTROPHYSICAL JOURNAL*
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- **Star Formation in Massive Galaxies at Redshift z similar to 0.5** *ASTROPHYSICAL JOURNAL*
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- **Redshift evolution of the Fundamental Plane relation in the IllustrisTNG simulation** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
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2020; 492 (4): 5930-5939
- **Early-type galaxy density profiles from IllustrisTNG - I. Galaxy correlations and the impact of baryons** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*

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● **SDSS-IV MaNGA: the inner density slopes of nearby galaxies** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*

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