

Akhil Rao

Address:

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Citizenship: USA

Research and Teaching Interests:

Environmental and Resource Economics, Computational Economics

Education:

PhD Economics, University of Colorado Boulder, 2019

MA Economics, University of Colorado Boulder, 2016

BS Business Administration, University of California Riverside, 2012

Working Papers:

Orbital-use fees could more than quadruple the value of the space industry (with Matthew Burgess and Daniel Kaffine) (Revisions requested, PNAS)

Economic Principles of Space Traffic Control, [latest draft](#) (job market paper)

Cost in Space: Debris and Collision Risk in the Orbital Commons (with Giacomo Rondina) [latest draft](#)

Elicitation and Corrective Taxation (with Brennan McConnell) mimeo

Conference publications:

The CENKI Space Economic Simulator: Analytical Verification of an Agent-Based Modeling Engine, with Trevor Bennett, Charles Cain, Nicholas Campbell, Andrew Gerner, John Marino, and Tobias Niederwieser, in *2018 IEEE Aerospace Conference Proceedings*

The CENKI Space Economic Simulator: Demonstrating Agent-Based Modeling on Satellite Market Data, with Trevor Bennett, Charles Cain, Nicholas Campbell, Andrew Gerner, John Marino, and Tobias Niederwieser, in *2018 IEEE Aerospace Conference Proceedings*

Grants, Awards, and Fellowships:

2018 Sieglinde Talbott Haller Fellowship in Economics
2018 Graduate School Domestic Travel Grant
Center to Advance Research and Teaching in the Social Sciences (CARTSS) Spring 2018
Graduate Student Award
2018 Summer Graduate School Dissertation Fellowship
2017 Reuben A. Zubrow Fellowship in Economics
2013 Coro Southern California Fellows Program in Public Affairs

Conference and seminar presentations:

2018: Western Economic Association International; IEEE Aerospace Conference;
CU Algorithmic Economics Group; CU Macroeconomics Seminar;
CU Environmental Economics Seminar; PolicyWest (invited moderator)
2017: Heartland Environmental and Resource Economics Workshop at Illinois;
CU Environmental and Resource Economics Workshop;
CU Environmental and Economics Seminar; CU Macroeconomics Seminar
2016: CU Environmental Economics Seminar
2015: CU Environmental Economics Seminar