

Simon DeDeo

Associate Professor at Carnegie Mellon University

Pittsburgh, PA, US

Simon DeDeo conducts empirical investigations, and builds mathematical theories, of both historical and contemporary phenomena.

Biography

Simon DeDeo is an associate professor in Social and Decision Sciences at Carnegie Mellon University, and External Professor at the Santa Fe Institute. He was previously affiliated with Complex Systems and the Cognitive Science Program at Indiana University. He has also held post-doctoral fellowships at the Institute for Physics and Mathematics of the Universe at the University of Tokyo and at the Kavli Institute for Cosmological Physics at the University of Chicago. At the Laboratory for Social Minds Simon DeDeo undertakes empirical investigations, and builds mathematical theories, of both historical and contemporary phenomena. They range from the centuries-long timescales of cultural evolution to the second-by-second emergence of social hierarchy in the non-human animals, from the editors of Wikipedia to the French Revolution to the gas stations of Indiana. DeDeo's lab creates synthetic, deep-time accounts of major transitions in political order, with the goal of the predicting and understanding our species' future.

Industry Expertise

Research, Education/Learning

Areas of Expertise

Theoretical Physics, Social and Decision Sciences, Artificial Intelligence, Astrophysics, Applied Mathematics

Event Appearances

Tacit Knowledge

Brunel Centre for Culture & Evolution

Consilience and the Cognitive Science of Scientific Explanation

Center for the Philosophy of Science

The Cognitive Science of Conspiracy

Bavarian Academy of Sciences

Education

Cambridge University

M.A. Applied Mathematics and Theoretical Physics

Harvard University

A.B. Astrophysics

Princeton University

Ph.D. Astrophysics

Accomplishments

Foundational Questions Institute Essay Prize

2018

Cozzarelli Prize for best Behavioral Sciences paper

2018 Proceedings of the National Academy of Sciences

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