

Curriculum Vitae

Daisuke Nagai

Contact Information

Position: Professor of Physics & Astronomy, Yale University
Director of Graduate Studies, Physics Department, Yale University
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Positions

Professor of Physics & Astronomy	Yale University	2022-present
Director of Graduate Studies, Physics Department	Yale University	2022-present
Founding Co-Director, Yale Center for Research Computing	Yale University	2015-2019
Associate Professor of Physics & Astronomy (Tenure)	Yale University	2014-2022
Associate Professor of Physics & Astronomy (Term)	Yale University	2012-2014
Assistant Professor of Physics & Astronomy	Yale University	2008-2012
Sherman Fairchild Postdoctoral Scholar	Caltech	2005-2008

Education

University of Chicago	Astrophysics	Ph.D. 2005
University of Chicago	Astrophysics	M.S. 2001
University of Michigan	Physics & Mathematics	B.S. 1999

Selected Awards & Fellowships

Honorary Master of Arts, Yale University, 2023
Stephen Murray Distinguished Visiting Lecturer, Harvard CfA, 2018
Cottrell Scholar Award, Research Corporation, 2012
The IUPAP Young Scientist Prize in Astrophysics, 2011
Sherman Fairchild Postdoctoral Prize Fellowship, Caltech, 2005-2008
NASA Graduate Student Researchers Program Fellowship, 2002-2005

Research

My research is broadly focused on understanding the origin, composition, and structure formation of the Universe, specializing in theoretical, computational, and data-driven modeling of galaxy clusters and galaxies and their applications to cosmology and astrophysics.

Publication, Grants & Mentoring

Over 200 publications with 13000+ citations & h-index=54 (from Google Scholar)
Over 180 invited colloquia, seminars, conferences and workshops
Over \$3.5M external grant funding from NASA, NSF, and Research Corporation
Research advisor for 12 postdocs, 20 graduate students, 37 undergraduate students