

Ethan T. Neil

Associate Professor of Physics

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Research Interests

Particle physics, lattice gauge theory, dark matter, collider phenomenology

Education

- 2011 PhD in Physics, Yale University
- 2005 BSc with distinction in Physics, Duke University

Appointments held

- 2020- Associate Professor of Physics, University of Colorado, Boulder
- 2019- Fellow, [Center for Theory of Quantum Matter](#), University of Colorado, Boulder
- 2013-2020 Assistant Professor of Physics, University of Colorado, Boulder
- 2013-2018 RIKEN Fellow, RIKEN BNL Research Center, Brookhaven National Laboratory
- 2010-2013 Research Associate, Fermi National Accelerator Laboratory

Grants, honors & awards

- 2019 Outstanding Physics Teacher Award, University of Colorado Department of Physics
- 2015- Co-PI on U.S. Department of Energy grant “Elementary Particle Physics and High Energy Phenomena”

Professional Service

- 2020-2022 Subtopic convener for TFO5, “Lattice Gauge Theory”, for the Snowmass 2021 community planning exercise
- 2018-2021 Scientific program committee member, USQCD Collaboration
- 2017- Local co-organizer, Theoretical Advanced Study Institute summer school
- 2011-2019 Lead organizer, “Lattice for Beyond the Standard Model Physics” annual workshop series

University Service

- 2021- Member, Physics Department Executive Committee
- 2018-2021 Faculty advisor for Engineering Physics (EPEN) undergrad major
- 2017 Faculty search committee in Strongly-Coupled Systems
- 2014-2016 Physics Representation, Retention and Recruitment (R^3) committee
- 2013-2014 Physics Departmental Action Team (DAT) on climate and representation in undergrad physics at CU
- 2011-2012 Member of the physics graduate program committee