



Vedika Khemani

Associate Professor of Physics

CONTACT INFORMATION

- **Administrative Contact**

Noelle Rudolph

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Bio

ACADEMIC APPOINTMENTS

- Associate Professor, Physics

ADMINISTRATIVE APPOINTMENTS

- Executive Committee Member, Q-FARM, Stanford Quantum Science and Engineering Initiative, (2022- present)

HONORS AND AWARDS

- Packard Fellowship for Science and Engineering, The David and Lucile Packard Foundation (2021)
- Breakthrough New Horizons in Physics Prize, Breakthrough Foundation (2022)
- George E. Valley Jr. Prize, American Physical Society (2021)
- William L. McMillan Award, University of Illinois Urbana-Champaign (2020)
- Early Career Award, U.S. Department of Energy (2020)
- Sloan Fellowship, Alfred P. Sloan Foundation (2020)
- Terman Fellowship, Stanford University (2019)
- Joseph Taylor Fellowship, Department of Physics, Princeton University (2014)
- Kusaka Prize, Department of Physics, Princeton University (2014)
- Centennial Fellowship, Princeton University (2010-2014)

PROFESSIONAL EDUCATION

- Junior Fellow, Harvard Society of Fellows (2019)
- PhD, Princeton University, Physics (2016)
- B.Sc., Harvey Mudd College, Physics (2010)

LINKS

- Publications on arXiv: https://arxiv.org/search/?query=Khemani%2C+Vedika&searchtype=author&abstracts=show&order=-announced_date_first&size=50
- Publications on Google Scholar: <https://scholar.google.com/citations?user=xXBIOUYAAAAJ&hl=en>

Teaching

COURSES

2023-24

- Quantum Mechanics II: PHYSICS 131 (Aut)
- Topics in Modern Condensed Matter Theory I: Many Body Quantum Dynamics: PHYSICS 470 (Spr)

2022-23

- Quantum Mechanics II: PHYSICS 131 (Spr)

2021-22

- Quantum Mechanics II: PHYSICS 131 (Spr)
- Topics in Modern Condensed Matter Theory I: Many Body Quantum Dynamics: PHYSICS 470 (Spr)

2020-21

- Topics in Modern Condensed Matter Theory I: Many Body Quantum Dynamics: PHYSICS 470 (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Kuan-Yu Lin, Aditya Mahadevan, Brendan Marsh

Postdoctoral Faculty Sponsor

Yaodong Li, Tibor Rakovszky

Doctoral Dissertation Advisor (AC)

Nicholas O'Dea, Adithya Sriram

Doctoral Dissertation Co-Advisor (AC)

Tudor Giurgica-Tiron

Doctoral (Program)

Gauri Batra, Ruben Coronel, Henry Hunt, Albert Nazeeri, Toby Satterthwaite