

Curriculum Vita

Nima Arkani-Hamed

School of Natural Sciences, Institute for Advanced Study,
1 Einstein Drive, Princeton, NJ 08540 USA,
(609) 734-8078, arkani@ias.edu
Citizenship: USA and Canada, D.O.B. April 5, 1972

Education

Ph.D., Physics	U.C. Berkeley	1997
B.Sc., Mathematics and Physics	University of Toronto	1993

Academic Positions

Gopal Prasad Professor	Institute for Advanced Study	2008-
Professor of Physics	Harvard University	2002 - 2007
Visiting Professor of Physics	Harvard University	2001 - 2002
Associate Professor of Physics	U.C. Berkeley	2001
Assistant Professor of Physics	U.C. Berkeley	1999 - 2001
Postdoctoral Fellow	SLAC	1997 – 1999

Recent Publications

1. Nima Arkani-Hamed, R. Glew, F. Vazão, “Correlators Are Simpler than Wave Functions,” Phys.Rev.Lett. 137: 6, 6. (2026).
2. Nima Arkani-Hamed, C. Figueiredo, L. Hall, C. Manzari, “The Very Nearly Right Theory of Flavor,” (2026), hep-ph/2607.27315.
3. Nima Arkani-Hamed, F. Calisto, N. Ussambayev, W. Zhao, Z. Zhou, “Surface Water Wave Scattering and the Hydrotape,” (2026), hep-th/2606.28280.
4. Nima Arkani-Hamed, F. Ardila-Mantilla, C. Figueiredo, F. Vazão, “Combinatorics of the Cosmohedron,” (2026), math.co/2603.03425.
5. Nima Arkani-Hamed, C. Figueiredo, L. Hall, C. Manzari, “Generating the fermion mass hierarchy at the TeV scale,” (2026), hep-ph/2602.17754.
6. Nima Arkani-Hamed, H. Frost, P-G Plamondon, G. Salvatori, H. Thomas, “Configuration Spaces of Finite Representation Type Algebras,” (2025), math.RT/2512.24870.
7. Nima Arkani-Hamed, H. Frost and G. Salvatori, “The Cut Equation,” (2024), hep-th/2412.21027.
8. Nima Arkani-Hamed, C. Figueiredo and G. Remen, “Open String Amplitudes: Singularities, Asymptotics, and New Representations,” (2024), hep-th/2412.20639.
9. Nima Arkani-Hamed, C. Figueiredo and F. Vazão, “Cosmohedra,” (2024), hep-th/2412-19881.
10. Nima Arkani-Hamed, Q. Cao, J. Dong, et al, “Surface Kinematics and "The" Yang-Mills Integrand,” (2024), hep-th/2408-11891.

Awards and Honors (recent)

Frontiers of Science Award	International Congress of Basic Science	2024
J.J. Sakurai Prize	American Physical Society	2022
AD White Prof. at Large	Cornell University	2013 - 2019
Member	National Academy of Sciences	2017
Fundamental Physics Prize	Breakthrough Prize Foundation	2012
Messenger Lectures	Cornell University	2010