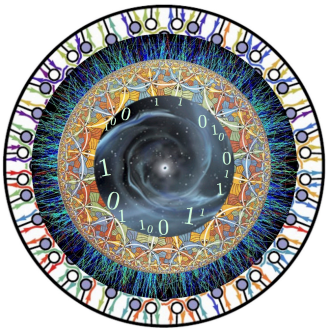
Center for Quantum Mathematics And Physics

QMAP Colloquium



October 17, 2017

10:30am

Mathematical Science Building, room 1147

UCDAVIS
UNIVERSITY OF CALIFORNIA

Nima Arkani-Hamed

Institute for Advanced Study (IAS)

Spacetime, Quantum Mechanics and Positive Geometry

Nima Arkani-Hamed is a Professor in the School of Natural Sciences at the Institute for Advanced Study. He is a one of the leading theoretical particle physicists of his generation who has developed many original ideas including extra dimensions, split supersymmetry, little Higgs theories, and recently the new geometric picture for particle interactions known as the amplituhedron. He will address this development in the colloquium.

Nima obtained his PhD from UC Berkeley in 1997, followed by a postdoctoral position at SLAC, and faculty positions at UC Berkeley, Harvard and since 2008 at the IAS in Princeton. He has received numerous awards including the inaugural Fundamental Physics Prize.

The Center for Quantum Mathematics and Physics (QMAP) is a new initiative at UC Davis aimed at fostering a vibrant research environment for addressing foundational questions in modern theoretical and mathematical physics.

For questions contact the organizers at trnka@ucdavis.edu or tudor@math.ucdavis.edu.

Center for Quantum Mathematics and Physics (QMAP): http://qmap.ucdavis.edu
Department of Physics: http://physics.ucdavis.edu
Department of Mathematics: http://math.ucdavis.edu