

SHORT BIO

Shaffique Adam Dean's Distinguished Professorial Scholar and Professor of Physics, Washington University in St. Louis

Born in Nairobi, Kenya, Shaffique Adam received his BS from Stanford University, majoring in Physics with a minor in Mathematics, graduating with departmental honors and a University distinction. He completed his doctorate in Theoretical Physics at Cornell University, working on the magnetic properties of nanoscale conductors, followed by postdoctoral work at the Condensed Matter Theory Center at the University of Maryland and as a National Research Council Fellow at the US National Institute of Standards and Technology. Before joining Washington University in St. Louis in 2024, he spent 12 years at the National University of Singapore with appointments at the Department of Materials Science and Engineering, the Department of Physics, the Centre for Advanced 2D Materials, and as an inaugural faculty member of Yale-NUS College. Shaffique Adam is a theoretical physicist interested in the electronic properties of two-dimensional quantum materials, including moiré heterostructures. His work on lattice relaxation, electronic transport, and correlated phases in van der Waals materials has appeared in *Nature*, *Science*, *Nature Physics*, *Nature Materials*, and *Physical Review Letters* among other journals. He is a recipient of the Singapore National Research Foundation Fellowship and Investigator Awards, the NUS Young Investigator Award, and the Institute of Physics Singapore World Scientific Medal and Prize.