

CHESTER PETERSON LECTURE SERIES



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Entanglement is the strangest feature of quantum theory, often dubbed "spooky action at a distance". Quantum entanglement can occur on a macroscopic scale with trillions of electrons, leading to novel superconductors which can conduct electricity without resistance even at relatively high temperatures. Remarkably, related entanglement structures arise across the horizon of a black hole, and give rise to Hawking's quantum paradox. This lecture will be designed to introduce these forefront topics in current physics research to a general audience without a scientific background.

QUANTUM ENTANGLEMENT AT ALL DISTANCES

April 26 at 4:30 pm
103 Cardwell Hall
Mediasite Stream or Zoom

email office@phys.ksu.edu for link
Refreshments at 4 pm in 119 Cardwell

