THE DARK ENERGY OF QUANTUM MATERIALS

Thursday, March 22nd
LSC Ballroom A
6p.m.

LAURA H. GREENE
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NATIONAL HIGH MAGNETIC FIELD LAB
FLORIDA STATE UNIVERSITY
CENTER FOR EMERGENT SUPERCONDUCTIVITY

Superconductivity allows magnetic levitation, transmission of electrical power with no loss, and other intriguing phenomena. However, fundamental and unsolved questions remain in the fascinating quantum mechanical phenomenon of superconductivity. Laura Greene will discuss the beauty and strangeness of "quantum materials" such as superconductors, as well as the challenges that we face before we can make use of them in our everyday lives.