

Superconductivity: There's Plenty of Cream at the Bottom

Prof. Peter Hirschfeld

The University of Florida

Friday, February 9th, 2024, 3:30PM

Abstract: In 1961, Brian Pippard gave a speech at IBM called "The Cat and the Cream", in which he declared that the superconductivity field was finished, at least for "young innocents who wish to break new ground": the cream was gone, and the bowl was empty. I show why the subsequent six decades proved him so dramatically wrong, how new materials and experimental techniques have continuously driven new theoretical understandings, such that the field has been constantly renewed, and is in fact a very good place for young researchers to make a career.