



SEMINAR

by

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Fermion
Hall

TITLE

Photoelectric Effect: Truth vs. Hype

ABSTRACT

Einstein had an enigmatic ability to arrive at powerful conclusions using a few well-known assumptions. Explanation of the Photoelectric effect is a bright example of that. In this talk we retrospect the so-called quantum revolution beginning with the photoelectric phenomenon. Following this historical endeavor, we present post-Einstein development of theories and experiments on photoemission from solids.

Mukunda Das is Honorary Professor in Theoretical Physics. He is Fellow of American Physical Society, Institute of Physics (UK) and Australian Institute of Physics. His research interest concerns the fundamental aspects of condensed matter, which include Superconductivity, Vortex Matter, Bose-Einstein Condensation, Meso- and Nanoscopic Systems, Strongly Correlated Electrons, Density Functional Theory and Theory of Disordered States. He is also interested in the professional ethics, an important subject of philosophy.