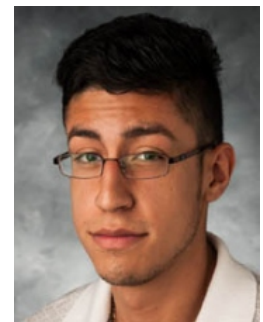


NUCLEAR & PARTICLE PHYSICS SEMINAR

WHEN & WHERE

Monday, December 9, 2019
2:30 p.m. | 618 VAN

SPEAKER



Mr. Calvin Mera
Department of Physics & Astronomy
University of Iowa

TITLE

“Instanton Floer Homology”

ABSTRACT

First, we review Witten’s reformulation of Morse theory in terms of supersymmetric quantum mechanics. Then, we generalize Witten’s work to a field theoretic setting and obtain Floer’s 3-manifold invariants called Instanton Floer Homology.