Notre Dame Science
Department of Physics

DUST IN THE NEARBY UNIVERSE: NUISANCE NO LONGER

Prof. J.D. Smith
University of Toledo
Tuesday, March 6, 2012
12:30 P.M. NSH 184

Dust represents less than one-hundredth of one percent of the mass of a typical galaxy, yet is responsible for reprocessing on average one-half of all the luminous energy from star formation and accretion released over the history of the Universe. I'll review the recent successes and promising future of dust as a tool to study galaxy evolution, including its role as the primary heating agent of the interstellar medium, its unique response to stellar and accretion-driven power sources, and our ongoing efforts to obtain an accurate census of the dust origin, content, and conditions of galaxies in the local universe.

Astrophysics Seminar

All interested persons are cordially invited to attend.