

PHYSICS COLLOQUIUM

Wednesday, February 8 | 2:00 - 3:00 p.m. | RNS 210



Nanoscience Research at the University of Minnesota

Nanoscience and applied nanotechnology have attracted interest from scientists, engineers, and the general public for decades. But what is nanotechnology, and why would someone want to do research in the field of nanoscience? This presentation will offer an introduction to nanoscience and nanotechnology, present a summary of some of the current nanoscience research focus areas at Minnesota, and describe opportunities for faculty and students from other institutions to collaborate with the Nano Center.

MINNESOTA NANO CENTER



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James Marti

James Marti is Senior Scientist and Outreach Coordinator for the Minnesota Nano Center. Dr. Marti directs the Center's Nanomaterials and Bio-Nano Labs, which focus on developing and analyzing nanoparticles and exploring their potential biomedical applications. Prior to joining the MNC, Dr. Marti conducted research on nanoparticles for several academic and government labs, and served as R&D director for several small companies with a nanotechnology product focus. A physicist by training, his primary scientific interest has been the physics and chemistry of micron- and nanometer-scale particles, particle systems, and related materials.