The Industrial Leadership in Physics Graduate Program at Georgetown University

Presenter:

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In 2001 the Physics department at Georgetown University launched the Industrial Leadership in Physics (ILP) graduate program, designed to prepare PhD physicists for positions in high-tech business. It combines training in technical subjects and business topics with a focus on group learning, communication skills, and practical work experience. Some highlights of the program include a modular curriculum in fundamental physics, centered on solid-state physics, instrumentation, problem solving and computer modeling; a year-long apprenticeship at the site of an industrial partner chosen to match the interests of the student and coursework in the McDonough School of Business at Georgetown. This presentation will give an overview of the program, focusing on the benefits and difficulties involved with industrial internships.