

MAR11-2010-000898

Abstract for an Invited Paper
for the MAR11 Meeting of
the American Physical Society

Applying Physics: Opportunities in Semiconductor Technology Companies

GREG REDINBO, Varian Semiconductor

While many physicists practice in university settings, physics skills can also be applied outside the traditional academic track. Identifying these opportunities requires a clear understanding of how your physics training can be used in an industrial setting, understanding what challenges technology companies face, and identifying how your problem solving skills can be broadly applied in technology companies. In this talk I will highlight the common features of such companies, discuss what specific skills are useful for an industrial physicist, and explain roles (possibly unfamiliar) that may be available to you.