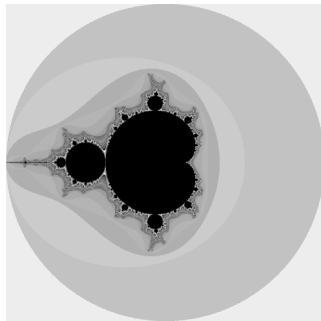# Physics Department Seminar

Friday February 10th, 2006

11:00am in PhSc 105

"Modern Computational Physics: Massively Parallel and Distributed Computing"

Mr. Justin Stimatze
Department of Physics
CSU Chico

Abstract:

Physicists continually seek out new and improved tools in the process of solving or exploring the problems of Nature, drawing from fields such as mathematics and computer science to enhance their intellectual toolboxes. The advent of computational physics provided powerful methods for attacking certain classes of difficult problems, but the last decade has been especially exciting. This lecture will provide a brief overview of computational physics, then focus on the relatively recent developments of massively parallel and distributed computing and their application within our discipline.