

Dottorato di Ricerca in Fisica, Università di Messina

Avviso di Seminario

5 Maggio 2017, ore 15, Incubatore d' Impresa Aula HT1C-1.

**Scientific parallel computing
Introduction and examples**

Prof.ssa Santa Agreste, PhD

*Dip.to di Scienze Matematiche e Informatiche, Scienze Fisiche e Scienze della Terra,
University of Messina, V.le F. Stagno D'Alcontres n. 31,*

Abstract

The modern scientist spend more time in front of a laptop, the approach "simulate and analyse" has become increasingly using. To solve realistic problems they need not only fast algorithms but also of a combination of good tools and fast computers. Parallel computing may be defined as coordinated computation on independent processors devoted to a single task. In this talk the scientific parallel computing is introduced and some examples are shown to illustrate as the use of parallel computing makes it feasible and realistic some simulation.