



UNIVERSITÀ DEGLI STUDI
DEL SANNIO Benevento

DST

DIPARTIMENTO DI SCIENZE E TECNOLOGIE

Dottorato di Ricerca in Scienze e Tecnologie per l'Ambiente e la Salute

GIORNATE SCIENTIFICHE DEL DST

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Partial Differential Equations in Physics and Biomedical Science

MARTEDÌ 21 MAGGIO 2019 ORE 13:00

Sala Riunioni del DST

Via F. de Sanctis, Benevento

ABSTRACT

The study of partial differential equations (PDEs) is an important and well studied branch of mathematics. Its importance is due to the fact that it can model many different phenomena and real physical processes. In recent years, PDEs have become essential tools not only in physics and engineering, but also in biology, biomedicine and environmental sciences. The aim of this seminar is to present to a large audience of students an overview of some classical models from physics, as well as some models from biology and medicine.