



International Conference

May 30 - June 3, 2016

University of Perpignan Via Domitia, France



EMERGING TRENDS IN APPLIED MATHEMATICS AND MECHANICS

Optimal Control - Theory and Applications

Organized by

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The goal of this Mini-symposium is to illustrate the scientific progress recently made and to offer an overview of some emerging topics and recent developments in the area of optimal control of differential equations. From a theoretical point of view, special emphasis will be put on necessary and sufficient conditions for optimality, sensitivity analysis, Hamilton-Jacobi equations, differential games, singular problems, numerical methods, linearization techniques and relaxation. The applications will cover (but may not be limited to) several problems emerging, for instance, in biology and economics.