

## Il Pre-doc Symposium on Mathematical Optimization Seville, December 12-13 2013

Actividad del Programa de Doctorado Matemáticas de la US

## **Antonio Alonso (Universidad Rey Juan Carlos)**

"Gestión matemática bajo incertidumbre, gestión del riesgo"
Federico Perea (Universidad Politécnica de Valencia)

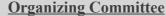
"El diseño robusto de redes ferroviarias frente a ataques intencionados: una aplicación de la teoría de juegos"

## Jorge Riera (Universidad de La Laguna)

"Introducción a problema de rutas con generación dinámica de columnas y planos de corte"

The Pre-doc Symposium on Mathematical Optimization is an activity oriented to a wide range of PhD students and researchers within the area of Statistics and Operational Research. The aim of this symposium is to train PhD students as well as motivate both students and researchers to develop new research areas. Furthermore, this activity aims to encourage final year Mathematics students to do research. The importance of Mathematics research as a scientific discipline and a technologic key to future developments in applied areas has motivated the organization of the Predoc Symposium on Mathematical Optimization. This symposium, besides covering theoretic, computational and practical aspects of mathematical optimization, also represents an excellent opportunity to start arming students with the necessary tools, that will enable them to be successful in their PhD studies.

The symposium will take place on December 12<sup>th</sup> and 13<sup>th</sup>, 2013 inside the Celestino Mutis Building, at the University of Seville.



Alicia De Los Santos Pineda Safae El Haj Benali Diego Ponce López Miguel A. Pozo Montaño

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