



UNIVERSIDAD COMPLUTENSE MADRID

## Colloquium ICMAT-UCM

## THE INVERSE PROBLEM FOR LAGRANGIANS

**SPEAKER:** Geoff Prince (La Trobe University, Melbourne, Australia)

DATE: Friday, 19 July 2019 - 12:00

VENUE: Aula Naranja, ICMAT

**ABSTRACT:** The question of a Lagrangian description for a system of second order differential equations has wide applicability from optimisation and control to quantum mechanics. I give an overview of the problem and recent significant progress on its solution with some initial remarks on the optimisation and control context.











