

Faculdade de Ciências da Universidade de Lisboa  
cmafcio@fc.ul.pt Tel. (+351) 21 750 00 27

# SEMINÁRIO DE LÓGICA MATEMÁTICA

Dia 24 de fevereiro (sexta-feira), às 15H00, sala 6.2.33

## Analytic determinacy

**António Fernandes**  
(Instituto Superior Técnico, Universidade de Lisboa)

Abstract:

The purpose of this talk (eventually a series of talks) is to exhibit a proof (by Donald Martin) that analytic determinacy holds under a certain large cardinal hypothesis. In fact we intend to convey a little bit more than just the content of this proof, we will try to enlighten the deep connection between determinacy, which is a game related concept, and the theory of definable sets of reals.

*Seminário financiado por Fundos Nacionais através da FCT – Fundação para a Ciência e a Tecnologia  
no âmbito do projeto UID/MAT/04561/2013*