F **C** Ciências | Matemática
ULisboa |

MESTRADO EM MATEMÁTICA

SEMINÁRIO EM MATEMÁTICA

ANO LECTIVO 2015/2016

Formations of Monoids and Saturated Formations of Groups

Luís Sampaio

Abstract: When studying semigroups and monoids the nonexistence of an inverse element yields new challenges. Semigroup theory saw a major development in the second half of the 20th century being one of its celebrated results the Eilenberg's Variety Theorem which relates varieties of finite monoids to varieties of formal languages. In this seminar we present an extension of this result to formations of finite monoids and some classes of languages, followed by an application to saturated formations of groups.

Dia: **12 de Julho de 2016 (3ª feira)**
Hora: **14h.30m**
Sala: **6.2.33**
Local: **Departamento de Matemática da FCUL**