



SEMINÁRIO

LÓGICA MATEMÁTICA

5 de abril 2024 | 16:00 | sala 6.2.33

Determinacy and Infinite Games

Niko Gruben (Universidade de Lisboa)

ABSTRACT:

The standard axioms of ZFC have been fixed for some time now, with proposals for new axioms rarely gaining any traction. One particular area of set theory, the theory of infinite games, has nonetheless given rise to attractive new axioms exceptionally different from the classic ones. In this talk I will give an introduction to this area and some of its results, before moving on to the possible new axioms and their underlying philosophy.

CMAF **10**