



Mês de: Setembro 2009

SEMINÁRIO DE TEORIA DOS MODELOS

Dia 18 de Setembro, às 15h00 na Sala A2-25

“ Metric valued fields” (continuation of the talk given at Seminário de Lógica Matemática)

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(LYON)

Abstract:

The model theory of metric structures started with, and developed around, the study of Banach spaces (Krivine, Mauray, Henson, Iovino, and others). Recently there has been some shift of focus to a more abstract development, coming hand in hand with several examples of new interesting metric structures which do not fit in the Banach structure setting. One well-studied example is the theory of probability algebras (which can be defined in some Banach structures, although this would fail to reflect all its "nice" properties). A more radically different, and probably far less familiar for those who have already heard talks about metric structures, is the theory of metric fields. In this talk I shall speak about the latter, using it at the same time as a pretext for what will hopefully be an accessible introduction to some of the basic notions of metric model theory.

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