



COLOQUIO

Dia 4 de Novembro (quinta-feira), às 16h30 no IST, Anfiteatro Pa1

***“Schanuel's Conjecture and exponential equations over the reals
and complexes”***

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Abstract:

Schanuel's Conjecture from transcendental number theory explains all known and expected results containing algebraic independence of values of the complex exponential function. I will explain how it connects to algorithmic questions about systems of exponential equations over the reals and complexes, as well as to old questions in complex analysis, such as Shapiro's Conjecture.

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