COLÓQUIO DE MATEMÁTICA

Quarta-feira, 4 de dezembro de 2019 às 14h30

Nonlinear Elliptic and Parabolic Equations with Fractional Operators

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FACULDADE DE CIÊNCIAS
Edifício C6 - Sala: 6.2.33

Ciências ULisboa | Matemática

Convívio antes do Colóquio na Sala d Docentes do DM,
com café, chá e bolos (14h até 14h30)

Sumário:
Nonlocality plays now an important role in the mathematical modelling of diffusion phenomena. The talk presents work on the existence, regularity and typical behaviour of solutions of nonlinear fractional elliptic and parabolic equations, posed in the whole space or in bounded domains. Attention is given to functional aspects, to the boundary behaviour, and to the long time asymptotics. Work with different collaborators will be mentioned.

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