SEMINÁRIO DE ANÁLISE E EQUAÇÕES DIFERENCIAIS

Dia 19 de Julho (terça-feira), às 13H30, na sala 6.2.38

Recent Advances in Kinetic Theory and their connection to Nonlinear PDEs, Functional Inequalities and Applied Probability

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Abstract:

Kinetic theory is the field of mathematics that deals with systems of many objects. In recent years, this field has seen an awakening and renewed interest, and has been the focus of attention of many prominent mathematicians. In this talk we will discuss recent advances in the field, mainly in relation to the Boltzmann-Nordheim equation and Kac's Model, and tie them to the fields of Nonlinear PDEs, Functional Inequalities and Applied Probability.

Local: Departamento de Matemática, C6 - Piso 2, 6.2.33