

UNIVERSIDADE FEDERAL DE SÃO CARLOS  
DEPARTAMENTO DE MATEMÁTICA

COLÓQUIO 2016

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Falará sobre

Global  $L^q$ -Gevrey Function Spaces

In this talk, I will discuss ongoing joint work with Gustavo Hoepfner and Ziad Adwan. I will introduce a class of functions that arose in the work of Boggess and myself when estimating the  $\square_b$ -heat kernel on polynomial models. This class of functions captures the quantitative estimates on the Fourier transform needed to characterize exponential decay. I will discuss properties of these functions, give examples, and explore other applications.

Quarta-feira, 09 de março, às 16 h no Auditório