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## **SEMINÁRIO DE ANÁLISE E EQUAÇÕES DIFERENCIAIS**

**Dia 27 de abril (quinta-feira), às 13h30, sala 6.2.33**

# **Evolution Processes generated by Semilinear Parabolic Equations**

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**Abstract:** We consider small nonautonomous perturbations of autonomous evolution processes generated by certain scalar semilinear parabolic differential equations. Extending the notion of Morse-Smale dynamical system to the nonautonomous framework we show that under generic assumptions the above evolution processes are Morse-Smale. This is a joint work with Radoslaw Czaja and Waldyr Oliva.