

**Compact convergence and finite dimensional exponentially
attracting invariant manifolds**

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Abstract. In this talk we will show that global attractors for abstract parabolic problems, arising in many applications are close to global attractors for an ordinary differential equation, that is, for suitable values of the parameters, the asymptotic behavior of an abstract parabolic problem is essentially the same as the asymptotic behavior of a system of ordinary differential equations. Joint work with Alexandre N. Carvalho (ICMC-USP, São Carlos, SP, Brasil) and Marcos R.T. Primo (DMA-UEM, Maringá, PR, Brasil).