

# Infinite time bubbling in critical Parabolic equations

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## **Resumo/Abstract:**

We investigate the point-wise, infinite-time bubbling phenomenon for positive solutions of the semilinear heat equation at the critical exponent in a bounded domain. We build an invariant manifold for the flow which ends at  $k$  bubbling points of the domain for any given  $k$ . The delicate role of dimension is described. This is joint work with C. Cortazar and M. Musso.