

---

# Acceleration or not in some reaction diffusion equations

Matthieu Alfaro\*<sup>1</sup>

<sup>1</sup>Institut de Mathématiques et de Modélisation de Montpellier (I3M) – CNRS : UMR5149, Université Montpellier II - Sciences et techniques – Case Courrier 051 Place Eugène Bataillon 34095 MONTPELLIER CEDEX 5, France

## Abstract

We consider reaction diffusion equations as population dynamics models. We aim at understanding if invasion occurs at a constant speed (via traveling waves) or by accelerating. We discuss recent developments on such an issue.

---

\*Speaker