## Fronts and spreading speeds for reaction-diffusion equations in general domains

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## Abstract

The talk will be devoted to various definitions of spreading speeds for the solutions of some reaction-diffusion equations in general domains. The relationships between the different notions will be explained and we will give some a priori bounds for large classes of domains. The case of exterior domains will also be discussed. Lastly, we will see how to generalize the notion of fronts in this framework.

This talk is based on joint works with H. Berestycki and N. Nadirashvili.