

## **Longtime dynamics of a non-autonomous Chafee-Infante equation**

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In this talk, we study the longtime dynamics of a one-dimensional Chafee-Infante equation, a particular type of reaction-diffusion equation. We start by giving a thorough description of the longtime dynamics of the autonomous equation. Then, we turn to a non-autonomous version of the Chafee-Infante equation, and see which autonomous results can be generalized to the non-autonomous case. To this end, we consider, for example, the notions of a pullback attractor and non-autonomous equilibria, which can be seen as generalizations of the autonomous concepts of a global attractor and equilibrium solutions.