# The Diffusion of Sticky Particles in One Dimension

Driven Stochastic Transport in Low-Dimensional Systems

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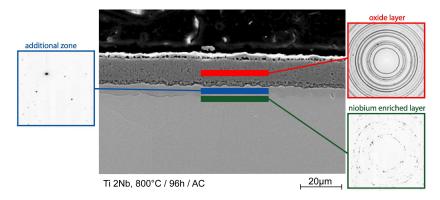
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- Introduction and Model Motivation
- Model Mean-Field Theory
- Numerical Behaviour of Model
- Conclusions



#### Model Motivation

#### Formation of an Oxide Layer in Titanium





# Model Motivation

The Diffusion of Oxygen Atoms in Titanium









