



Institut für Mathematik

Seminar zur Stochastik

Donnerstag, 12. Januar 2023

16:00 Uhr

SR 124 Carl-Zeiss-Str. 3

Herr Zachary Adams

(Max Planck Institut für Mathematik in den Naturwissenschaften, Leipzig)

“Random Lagrangian equilibria – an abstract framework for understanding”

Abstract: Lagrangian equilibria are equilibria of a dynamical system in a frame of reference generated by some symmetry group of the dynamical system. For instance, travelling waves in reaction-diffusion equations are Lagrangian equilibria under the symmetry group of spatial translations. We propose a generalization of the concept of Lagrangian equilibria to the setting of random dynamical systems, and discuss conjectures regarding how one might transpose classical results from the theory of random attractors to "random Lagrangian equilibria.

Alle Interessierte sind herzlich eingeladen!

Kontakt:

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