



Wir laden Sie sehr herzlich ein zu einem Vortrag im Rahmen des
Oberseminars Stochastische Analysis:

Gideon Chiusole
(TU München)

“Stability of Pattern Formation for Singular Stochastic PDEs”

Dienstag, 22. Oktober 2024

Beginn: **15.15 Uhr**

Raum: **D436**

Interessenten sind herzlich willkommen!

A. Blessing, R. Denk, M. Kunze, M. Kupper

Abstract: Pattern formation phenomena are omnipresent in the natural sciences (especially chemistry, biology, and physics). Consequently, patterns, their formation and their stability have been studied extensively in the theory of dynamical systems. However, while the deterministic side is in large parts well understood, very little is known on the stochastic side. We want to use geometric methods and techniques from dynamical systems and regularity structures to extend certain deterministic stability results to generalised patterns in singular SPDEs.