ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO THE DOCTORAL SEMINAR

Strong topological equivalence of random dynamical systems

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Chaired by Christian Pötzsche | Department of Mathematics

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ABSTRACT

The modeling of real-world dynamical processes taking into account the effects of uncertainties and random disturbances leads to the field of random dynamical systems (RDSs). In this talk we focus on the linearization of RDEs, which allows us to conclude local information on the dynamics from their linear parts. Our presentation is devoted to basic concepts, namely the Multiplicative Ergodic Theorem and topological linearization of RDSs in arbitrary Banach spaces.

We hope to see you there!