

Title: Workshop: Basic Concepts of Stochastic Processes

Instructor(s): Rolf Ulrich

Abstract:

This workshop is intended as an introduction to elementary concepts of stochastic processes. These concepts are essential building blocks for developing and understanding mathematical models about time-dependent cognitive processes (e.g., diffusion process, accumulation models, race models, timing models). The approach to these issues will be heuristic rather than purely rigorous. Nevertheless, some background in elementary probability theory and calculus would be advantageous.

Assignment: Active participation and homeworks

Credits: 2 workshop days