

Course Content: Core course (mandatory):

Foundations 2

This course focuses on specific families of stochastic models that have been developed or used in recent research projects of SMiP PIs. Each model family will be introduced with formal foundations, software implementations, advanced topics and applications to psychological research questions. The models are presented by teams of PIs who are experts in the respective modeling technique. The course aims to make the PhD candidates familiar with current directions in statistical modeling for various research designs and data situations. The course also prepares PhD candidates for employing or advancing the modeling techniques in their dissertation projects.