<u>Title:</u> Workshop: Substantive SMiP Research Topics in Mannheim

<u>Instructors:</u> Arndt Bröder, David Izydorczyk, Nikoletta Symeonidou, Edgar Erdfelder, Martin Schnuerch

<u>Abstract:</u>
In the first part, Arndt Bröder will present his joint work with Monika Undorf on metacognitive judgments, including new applications of Brunswik's lens model in this domain. Afterwards, David Izydorczyk and Arndt Bröder will present and discuss new ways of modeling numerical estimates with exemplar and rule-based models. Nikoletta Symeonidou will then present joint work with Beatrice Kuhlmann on a tailored extension of the two-high-threshold multinomial model of source monitoring (Bayen et al., 1996). This extension enables a separate measurement of storage and retrieval processes in source memory. In the second part of the workshop, Edgar Erdfelder will report collaborative work with Julian Quevedo Pütter and Martin Schnuerch on aggregation invariance of multinomial processing tree (MPT) models, that is, on the conditions under which we can expect an MPT model that holds for each individual to hold also for group data aggregated across individuals. Finally, Martin Schnuerch will present joint work with Lena Nadarevic and Jeff Rouder on individual differences in cognition, namely, Bayesian modeling of qualitative vs. quantitative individual differences in the truth effect.

<u>Assignment:</u> none

<u>Credits:</u> 1 workshop day