EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN

Faculty of Science
Department of Psychology /
Department of Computer Science
Cognitive Science

Cognitive Science Colloquium

Winter term 2024/2025
Tuesday 12.15 – 13.15 h; Lecture Hall 02, Neue Aula

When	What
Tuesday, 26.11.2024 12.15 – 13.15	**Dr. Konstantin Genin (University of Tübingen): Foundations for Randomized Designs**
	Randomized designs are typically justified by appeal to unbiased estimation of average treatment effects. The trouble with unbiased estimation is that it is too easy: many otherwise unreasonable designs are sufficient for unbiased estimation. Moreover, if, as in the typical case, treatment outcomes are bounded, unbiased estimators are not even admissible. So what, if anything, picks out the most natural randomized designs? Incredibly, the field of optimal design still does not provide a ready-made justification for randomization. In this talk, I try to develop such a foundation by analogy with minimax survey design.

Host: Volker Franz

Organisation: Verena Seibold and Volker Franz

Welcome to everybody!