Faculty mentors: Tobias Gerstenberg

Research supervisor(s):
Sarah Wu, PhD student, sarahwu@stanford.edu;
David Rose, PhD student, davdrose@stanford.edu;
Aaron Beller, PhD student, abeller@stanford.edu;
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Project topic(s): Causality, counterfactual reasoning, social cognition, computational modeling

Brief description of scientific issues:
We are interested in understanding how people make causal judgments and reason about counterfactuals (“what would have happened if…?”), especially in social settings, where people may also have to infer others’ hidden mental states like their abilities, intentions, and goals. We study these topics using a combination of behavioral and computational methods. For more information, see our lab website: http://cicl.stanford.edu/.

Skills required:
some experience with Python and/or R;
optional: some experience with HTML/CSS and/or JavaScript

Skills to be learned:
developing online experiments; running online experiments with participants; analyzing and visualizing data; building computational models and comparing model predictions to human data

Hours: Full time