## Program

## CRC TR 224 Summer School on Recent Advances in Mechanism and Information Design: Theory and Applications

## Topics that will be covered include:

- 1) Stochastic Orders and Optimization of Convex Functionals
- 2) Dominant Strategy vs. Bayesian Implementation, and their equivalence
- 3) Reduced Form Auctions
- 4) Optimal Auctions, (Two-sided) Contests and Inequality
- 5) Decision Making under Non-Expected Utility
- 6) Bayesian Persuasion: Theory & Examples
- 7) Optimal Delegation vs Bayesian Persuasion, and their Equivalence
- 8) Experimental Approaches to Persuasion
- 9) The Design of Privacy
- 10) Commitment and Deception
- 11) Robust Cheap Talk

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