

Workshop on High-Dimensional Statistics

July 1st:

- 10:00-10:35 *Talk 1: Alexandra Carpentier, University of Potsdam*
Title: Confidence sets for matrix completion
- 10:40-11:15 *Talk 2: Martin Wahl, Humbolt University, Berlin*
Title: Non-asymptotic upper bounds for the reconstruction error of PCA
- 11:15-11:45 *Coffee break*
- 11:45-12:45 *Talk 3a: Philippe Rigollet, Massachusetts Institute of Technology,*
Title: The Statistical Seriation Problem (1)
- 12:50-13:25 *Talk 4: Yihong Wu, University of Illinois at Urbana-Champaign*
Title: Polynomial approximation, moment matching and optimal estimation of the unseen
- 13:30-14:30 *Coffee break and a snack*
- 14:30-15:05 *Talk 5: Ery Arias-Castro, University of California, San Diego*
Title: The Curse of Dimensionality in Two-Sample Goodness-of-fit Testing
- 15:10-15:45 *Talk 6: Nicolas Verzelen, INRA, Montpellier*
Title: Detection and Feature Selection in Sparse Mixture Models
- 15:45-16:15 *Coffee break and a finger food*
- 16:15-17:15 *Talk 7a: Arnak Dalalyan, Ensa/Crest, Paris*
Title: Oracle inequalities for sparse learning and estimation 1
- 17:20-17:55 *Talk 8: Wolfgang Polonik, University of California, Davis*
Title: Neighborhood selection with application to social networks
- 18:30 *Dinner at "Brauhaus Vetter"*

July 2nd

- 9:30-10:30 *Talk 3b: Philippe Rigollet, Massachusetts Institute of Technology*
Title: The Statistical Seriation Problem (2)
- 10:35-11:10 *Talk 9: Alexandre Tsybakov, Crest, Paris*
Title: Sharp minimax and adaptive variable selection
- 11:10-11:40 *Coffee break*
- 11:40-12:40 *Talk 7b: Arnak Dalalyan, Ensa/Crest, Paris*
Title: Oracle inequalities for sparse learning and estimation 1