

Title:

Statistical Recovery of Geometric and Invariant Structures

Organizers:

Peter Bühlmann, ETH Zürich, Department of Mathematics, Seminar for Statistics, Rämistrasse 101, HG G17 8092 Zürich, Switzerland, mail: buhlmann@stat.math.ethz.ch

Axel Munk, Georg August Universität Göttingen, Department of Mathematics and Computer Science, Institute for Mathematical Stochastics, Goldschmidstr. 7, 37077 Göttingen, Germany, munk@math.uni-goettingen.de

Martin Wainwright, UC Berkely, Department for Statistics and Department for Computer Science, 421 Evans Hall 3860 Berkeley, CA 94720-3860, wainwright@stat.berkeley.edu

Bin Yu, UC Berkely, Department for Statistics, 421 Evans Hall 3860 Berkeley, CA 94720-3860, binyu@stat.berkeley.edu

Abstract:

The main objective of the workshop is to bring together researchers in mathematical statistics and related areas in order to discuss recent advances and mathematical problems in statistical recovery of geometric and invariant structures. This includes in particular adaptive estimation, confidence and testing techniques and statistical algorithms for geometrical structure recovery and data analysis.