

Workshop on Recent Developments in Statistical Multiscale Methods

University of Göttingen, Germany, July 16 – 18, 2012

Aim & Scope

Statistical Multiscale Methods have been developed rapidly during the last decades and provide nowadays an indispensable tool for a variety of applications.

The aim of this workshop is to provide an up to date overview of the different aspects of this emerging field. This includes on the one hand a rigorous mathematical treatment of statistical multiscale estimators such as risk bound analysis, deviation inequalities and their statistical applications, e.g. the construction of confidence sets. On the other hand algorithmic and computational issues will be discussed as well, and their performance in various areas of applications ranging from signal processing, time series analysis and financial statistics to computational genetics and bio-imaging.

Scientific Board

Lutz Dümbgen, Klaus Frick, Axel Munk

Local Organization

Anja Frakstein, Klaus Frick, Steffi Greiner, Axel Munk, Thomas Rippl

Invited Speakers:

Laurent Cavalier
Université Aix-Marseille 1

Markus Haltmeier
Max Planck Institute for
Biophysical Chemistry,
Göttingen

Marc Hoffmann
ENSAE, Paris

Maarten Jansen
Université Libre de Bruxelles

Zakhar Kabluchko
Universität Ulm

Gerard Kerkycharian
Université Paris 6

Arne Kovac
University of Bristol

Richard Nickl
University of Cambridge

Robert Nowak
University of Wisconsin-
Madison

Dominique Picard
Université Paris 7

Wolfgang Polonik
University of California at
Davis

Angelika Rohde
Universität Hamburg

Till Sabel
Universität Göttingen

Johannes Schmidt-Hieber
VU Amsterdam

David Siegmund
Stanford University

Hannes Sieling
Universität Göttingen

Evgeny Spodarev
Universität Ulm

Vladimir Spokoyny
WIAS, Berlin

Alexandre Tsybakov
Université Paris 6

Rainer von Sachs
Université Catholique de
Louvain

Guenther Walther
Stanford University

Registration:

Send an e-mail to: for916@math.uni-goettingen.de

Conference Fee

Regular fee: 150€ · Student fee: 100€

Contact:

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