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WINTER SCHOOL

on Advances in Mathematics of Signal Processing

Organizers: Massimo Fornasier, Mauro Maggioni, Holger Rauhut, Thomas Strohmer

Date: Monday, January 11 to Friday, January 15, 2016

Location: Hausdorff Research Institute for Mathematics (HIM), Bonn

This school provides an introduction to some of the main topics of the trimester program on mathematics of signal processing. The lectures mainly aim at graduate students and junior researchers.

The following speakers will each give a sequence of lectures, which will be complemented by problem sessions and a poster session by the participants.

- Francis Bach (École Normale Supérieure Paris)
Large-scale Machine Learning and Convex Optimization
- Simon Foucart (Texas A&M University, College Station)
Essentials of Compressive Sensing
- Karlheinz Gröchenig (University of Vienna)
Gabor Analysis and its Mysteries
- Jean-Luc Starck (CEA Saclay)
Sparse Representations and their Application in Astrophysics
- Stephen Wright (University of Wisconsin, Madison)
Optimization Techniques for Signal Processing

Call for participation: Financial support for PhD students and postdocs is available. Please send applications (including a letter of intent, a CV, and a letter of recommendation) using the online application form at <http://www.him.uni-bonn.de/signal-processing-2016/winter-school/>. The deadline for applications is: September 15, 2015.

