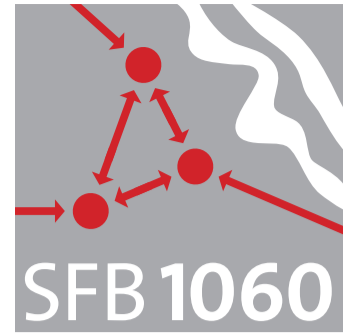
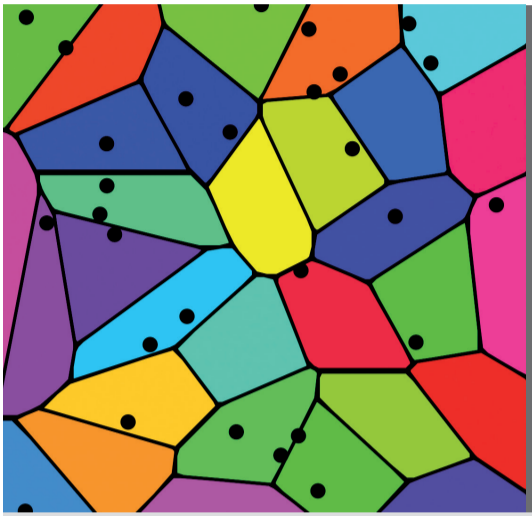


CONFERENCE

New Trends in Optimal Transport



with a special day on **Computational
Optimal Transport and its Applications**



Date:
March 2 - 6, 2015
Location:
University of Bonn,
Germany

Organizers: Nicola Gigli (Paris VI), Arnaud Guillin (Clermont-Ferrand), Jan Maas (IST Austria), Karl-Theodor Sturm (Bonn). **Computational optimal transport and its applications:** Gabriel Peyré (Paris Dauphine) and Martin Rumpf (Bonn).

Optimal transport has become a vibrant research area in mathematics, at the interface of analysis, probability and geometry. In recent years there have been several new developments with applications to diverse fields such as economics, image analysis, mathematical finance, and quantum mechanics. The conference brings together researchers in optimal transport, from all over the world, to present new results, exchange ideas and to foster future collaborations. Another important goal is to expose young researchers and Ph.D. students to the most recent developments in this area.

The conference is organized by the collaborative research center 1060 *The Mathematics of Emergent Effects*. It takes place during the Junior Hausdorff Trimester Program on Optimal Transportation, which will be held at the Hausdorff Institute for Mathematics during January-April 2015.

Speakers include:

Luigi Ambrosio
Han Bangxian
Jean-David Benamou
Yann Brenier
Eric Carlen
Guillaume Carlier
Maria Colombo
Dario Cordero-Erausquin
Marco Cuturi
Nicolas Fournier

Ivan Gentil
Paola Gori Giorgi
Nicolas Juillet
Kazumasa Kuwada
Michel Ledoux
Bruno Lévy
Daniel Matthes
Robert McCann
Facundo Memoli
Alexander Mielke

Édouard Oudet
Filippo Santambrogio
Giuseppe Savaré
Walter Schachermayer
Christoph Schnörr
Carola Schönlieb
Takashi Shioya
Anton Thalmaier
Max von Renesse

<http://wt.iam.uni-bonn.de/optimal-transport/>

Location: Mathematik-Zentrum
Lipschitz Lecture Hall
Endenicher Allee 60
University of Bonn, Germany

Registration: People interested in attending the workshop are kindly requested to register by submitting an email to OT-2015@iam.uni-bonn.de

Support for young scientists: Funding is available to support a number of young scientists by covering accommodation costs. Interested PhD students and postdocs should apply by December 17, 2014, by submitting an email to OT-2015@iam.uni-bonn.de

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