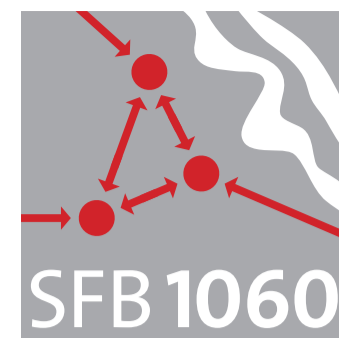
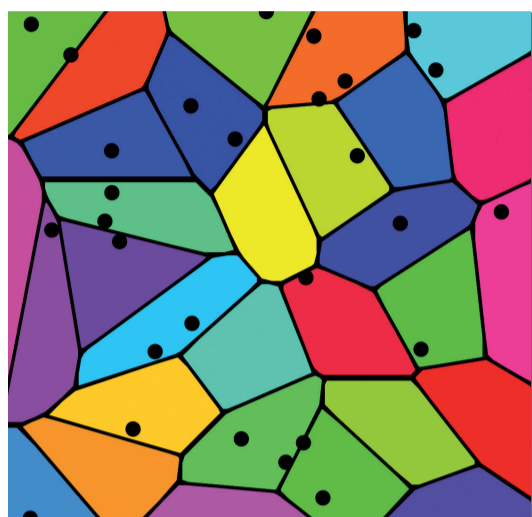


CONFERENCE

# 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](mailto: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](mailto:OT-2015@iam.uni-bonn.de)

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