

Public Lecture by Fields Medalist Alessio Figalli

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**"The beauty of nature and the art of
problem-solving"**

Alessio Figalli, 2018 Fields Medal winner and Professor of Mathematics at ETH Zurich, will show the beauty and importance of mathematics through examples that have been most relevant to his research.

**Monday, April 15, 2019, 6 p.m.
University of Bern, Main Building, Aula
Hochschulstrasse 4, 3012 Bern**

www.unibe.ch/figalli



Public Lecture by Fields Medalist Alessio Figalli

"The beauty of nature and the art of problem-solving"

Although often not emphasized, mathematics is a discipline based on creativity. This creativity allows mathematicians to derive models and formulas that allow them to describe and ultimately understand nature. In his talk, Alessio Figalli will show the beauty and importance of mathematics and describe the theory of optimal transport and its relation to the study of crystals and clouds.

The public lecture will take place on the occasion of the second edition of the Day of Italian Research in the World, promoted by the Italian Ministry of University and Research, under the auspices of the

Italian Embassy in Switzerland, of the Faculty of Science of the University of Bern and of the Società degli Accademici Italiani in Svizzera (SAIS).

Alessio Figalli

The 35-year-old Alessio Figalli is a mathematics professor at ETH Zurich. On August 1, 2018, the Italian citizen was awarded the Fields Medal for his contributions to the theory of optimal transport and its application to special partial differential equations, metric geometry and probability. The Fields Medal is the most prestigious award in the field of mathematics.