

APRIL 1 - JULY 15

IMPAN, WARSAW

SIMONS SEMESTER

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# GEOMETRIC AND ANALYTIC GROUP THEORY

SEMINAR

WEDNESDAY, 05.06.2019

14:00-14:50

ROOM **321**

ŚNIADECKICH 8

00-656 WARSZAWA

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Federico Vigolo (Weizmann Institute of Science)

*Geometry of actions on metric/measure spaces*

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Abstract: In this talk I will discuss some geometric features of group actions. In particular, I will focus on a notion of linear isoperimetric inequality for actions on measure spaces (related with constructions of expanders), and on the notion of warped cone. My plan is to introduce some of the ideas and mention a few possible directions for future research.

