GRADUATE COLLOQUIUM

Wednesdays, 13-15 (FIM Tea to follow)
Hermann Weyl Zimmer (HG G43, ETH Zentrum)

Speaker: **Theo Bühler**
Title: **Amenability**

Date: Wednesday, January 28th

Abstract: The notion of amenability was introduced by John von Neumann in 1929 in his work on the Banach-Tarski-Hausdorff paradox in which he observed that the existence of paradoxical decompositions of the 2-sphere is closely related to the non-amenability of SO(3) as a discrete group. We will explain this historical motivation and in addition we will discuss the basic properties of the class of amenable groups together with applications in group theory, geometry and probability theory.

`http://www.math.ethz.ch/graduate/colloquium`
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