

<b>Oberseminar Geometrie</b>	<b>Wednesday 10th April 2013</b>
Department of Mathematics	<b>10:20–12:00</b>
University of Fribourg	Seminar room, Math. II (Lonza)

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### ‘Coarse geometry and groups’

*Informally, coarse geometry is the study of metric spaces ‘from far away’. That is, we focus on properties which are stable under changing the space in a certain controlled way. This approach is very fruitful, as it is often these large-scale properties which have important implications in topology, functional analysis and group theory. I will give an introduction to the relevant geometric and group-theoretic properties, and describe the connections between them. I will finish with some examples of interesting problems in the area.*