



General Mathematics Seminar

of the University of Luxembourg

in cooperation with the
Luxembourg Mathematical Society

Monday 26 October 2015, at 4 pm

Campus Kirchberg, Room B23

Dr. Artem Pulemotov

The University of Queensland, Australia

The prescribed Ricci curvature problem on homogeneous spaces

We will discuss the problem of recovering the "shape" of a Riemannian manifold M from its Ricci curvature. After reviewing the relevant background and the history of the subject, we will focus on the case where M is a homogeneous space for a compact Lie group.

Coordinator: Stéphane Korvers
RMATH contact: Anton Thalmaier