**APRIL 1 - JULY 15**

**IMPAN, WARSAW**

**SIMONS SEMESTER ON**

# GEOMETRIC AND ANALYTIC GROUP THEORY

**COLLOQUIUM**
**TUESDAY, 2.04.2019**
**16:15-17:30**

**ROOM 3180, MIMUW**
**BANACHA 2**
**02-097  WARSZAWA**

**Pierre Pansu (Universite Paris-Sud)**

*Aspects of geometric group theory: growth, isoperimetry, Lp-cohomology*

Abstract: Geometric group theory has emerged from topology. The growth and isoperimetry of finitely generated groups have been among its early interests. We shall show how they lead to today's cohomological methods, notions of negative curvature and rigidity problems

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