

Adam Mickiewicz University
Faculty of Mathematics and Computer Science

GEOMETRY AND TOPOLOGY SEMINAR

1:45 PM, Wednesday, January 23, 2019
B2-38, Collegium Mathematicum

Speaker: Janusz Przewocki (Adam Mickiewicz University)

Title: **Z-boundary for the discrete Heisenberg group**

Abstract:

Z-structure is a generalization of Gromov boundary of a hyperbolic group or CAT(0) boundary for nonpositively-curved groups. In this talk we show how to construct Z-boundary for the discrete Heisenberg group. It occurs that it is a two-dimensional sphere.