# GEOMETRIC AND ANALYTIC GROUP THEORY

**APRIL 1 - JULY 15**

**IMPAN, WARSAW**

**SIMONS SEMESTER**

**SEMINAR**
**WEDNESDAY, 10.07.2019**
**13:00-13:50**

**ROOM 403**
**ŚNIADECKICH 8**
**00-656 WARSZAWA**

**Bogdana Oliynyk (National University of Kyiv-Mohyla Academy)**

*Diagonal Limits of Hamming Spaces and Monomial Groups*

Abstract:
In this talk, I will discuss the family of diagonal limits of scaled Hamming spaces over a finite alphabet. For any such diagonal limit H(u,b) we assign a Steinitz number and construct an isometric representation of H(u,b) on a rooted tree. Also I discuss the family of diagonal limits of isometry groups of scaled Hamming spaces over a finite alphabet.

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