

**Adam Mickiewicz University**  
**Faculty of Mathematics and Computer Science**

GEOMETRY AND TOPOLOGY SEMINAR

13:45 AM, Tuesday, March 27, 2018

B1-37, Collegium Mathematicum

**Speaker:** Janusz Przewocki (Adam Mickiewicz University)

**Title:** Algebraic properties of the canonical homomorphism from singular to Milnor-Thurston homology 2

**Abstract:**

Milnor-Thurston homology theory is a version of singular homology where chains are defined to be measures instead of finite linear combinations of simplices. There is a canonical homomorphism from singular to Milnor-Thurston homology. We investigate behaviour of this homomorphism for spaces with bad local properties.

The first part of the talk will be a continuation of my previous talk on this topic (a short introduction with basic notions and motivations will be provided). The rough ideas to construct a kernel-element for the canonical of the Hawaiian Earring will be presented.

The in the next part of the talk we will focus on proving injectivity of the canonical homomorphism for one particular class of wild topological spaces.