

# On various notions of universally Baire sets and their applications to Haar meagreness

Márton Elekes

Będlewo, April 2022

Universally Baire sets play a crucial role in set theory, and they are also very interesting from the point of view of descriptive set theory. However, there are at least a dozen different definitions, and many of these are indeed non-equivalent (at least consistently). The goal of this talk is to clarify this situation, and also to give applications in the theory of so called Haar meagre sets. Joint work with Máté Pálffy.