

Date: March 16, 2021

Speaker: Jindrich Zapletal

Title: Sequentiality of \mathbb{R}

Abstract: Tom Winckler pointed out to me that it is not known if in ZF, (every infinite subset of \mathbb{R} contains a countably infinite subset) implies (\mathbb{R} is a sequential space). I will explain the underlying notions and show that the implication consistently fails.