

**19th Workshop: Noncommutative Probability, Noncommutative Harmonic Analysis
and Related Topics with Applications, 31.07-6.08.2022, Będlewo**

ABSTRACT

Adam Osękowski (University of Warsaw)

Baby talk: on some martingale inequalities in harmonic analysis

Abstract: Martingales form a class of stochastic processes playing a fundamental role in probability theory. The purpose of the talk is to present applications of martingale inequalities in some selected problems of commutative and noncommutative harmonic analysis.