

**Speaker:** Yuri Zarhin

**Title:** Endomorphism algebras of abelian varieties with special reference to superelliptic jacobians

**Abstract:** I will explain how one may obtain nontrivial information about the structure of endomorphism algebras of abelian varieties, using ideas from group theory and Galois theory (even without the Tate conjecture on homomorphisms). In particular, there will be plenty of explicit examples of abelian varieties with small endomorphism ring.