

Abelian varieties & Galois actions

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*Collegium Minus
Adam Mickiewicz University
Poznań, Poland*

ABSTRACTS

Speaker : Yuri Zarhin

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

Abstract : I'll explain how one may obtain an information about the structure of endomorphism algebras of abelian varieties, using ideas from group theory and Galois theory. In particular, there will be a plenty of explicit examples of abelian varieties with *small* endomorphism ring.