Abelian Varieties & Galois Actions

July 25-27, 2017

Faculty of Mathematics and Computer Sciences
the Adam Mickiewicz University
Poznań, POLAND

Talks take place in **Auditorium XVII**, Collegium Minus UAM

TUESDAY, the 25th of July

- **9.00 Registration** opens in hall of Collegium Minus

- **9.30-10.30: Tim Dokchitser**
  Models of curves

  Tea and coffee

- **11.00-12.00: Emmanuel Ullmo**
  Algebraic flows on Abelian varieties

  Lunch at the restaurant *Pod Aulą*

- **15.00-16.00: David Zywina**
  A radical characterization of abelian varieties

- **16.15-17.15: Sebastian Petersen**
  A variational open image theorem in positive characteristic

WEDNESDAY, the 26th of July

- **9.30-10.30: Jeff Achter**
  Distinguished models of intermediate Jacobians

  Tea and coffee

- **11.00-12.00: Chun Yin Hui**
  The abelian part of a compatible system

  Lunch at the restaurant *Pod Aulą*

- **15.00-16.00: Chris Hall**
  Soft Hilbert Irreducibility Theorems

- **16.15-17.15: Stefan Patrikis**
  Compatible families of Galois representations with E_6 monodromy

  18.00 Piano recital of Joanna Marcinkowska

THURSDAY, the 27th of July

- **9.30-10.30: Sara Arias-de-Reyna**
  Ordinary abelian varieties and the Inverse Galois Problem

  Tea and coffee

- **11.00-12.00: Johan Commelin**
  On compatibility of the ℓ-adic realisations of abelian motives

  Lunch in the restaurant *Pod Aulą*

- **15.00-16.00: Davide Lombardo**
  Galois representations attached to abelian varieties: effective aspects

- **16.15-17.15: Yuri Zarhin**
  Endomorphism algebras of abelian varieties with reference to superelliptic jacobians

  Closing of the meeting.