

AGNT SECTION

Łódź, 4-8 september 2023

Łódź University, Poland

PROGRAM

Monday, 4th september

- 16:00-16:05 **WELCOME**
- 16:05-16:55 *Defect in extensions of valuations*
ENRIC NART (UAB-BARCELONA)
COFFEE or TEA
- 17:30-18:20 *Maps of affine varieties and wild ramification*
PIOTR ACHINGER (IMPAN-WARSZAWA)
- 18:30-18:55 *Cohomology of p -group covers*
JĘDRZEJ GARNEK (IMPAN-WARSZAWA/UAM-POZNAŃ)

Tuesday, 5th september

- 14:30-15:20 *Frobenius structure and p -adic zeta function*
MASHA VLASENKO (IMPAN-WARSZAWA)
- 15:30-15:55 *The generalized zeta functions of a linear recurrence sequence*
ÁLVARO SERRANO (USAL-SALAMANCA)
COFFEE or TEA
- 16:30-17:20 *On a relation between power and Dirichlet series*
LUIS M. NAVAS (USAL-SALAMANCA)
- 17:30-17:55 *Bounds on Fourier coefficients and global sup-norms for Siegel cusp forms of degree 2*
JOLANTA MARZEC-BALLESTEROS (UKW-BYDGOSZCZ/UAM-POZNAŃ)
- 18:05-18:30 *Ranks of quadratic twists of Jacobians of generalized Mordel curves*
TOMASZ JĘDRZEJAK (USZ-SZCZECIN)

Wednesday, 6th september

- 12:00-12:50 *Real and p -adic Picard-Vessiot extensions*
ZBIGNIEW HAJTO (UJ-KRAKÓW)
- 13:00-13:25 *Hopf Galois structures*
TERESA CRESPO, (UB-BARCELONA)

Thursday, 7th september

- 14:00-14:50 *The refined class field formula for Drinfeld modules*
DANIEL MACIAS CASTILLO (ICMAT-MADRID)
- 15:00-15:25 *Higher moments of families of elliptic curves*
BARTOSZ NASKRĘCKI (UAM-POZNAŃ)
- 15:35-16:00 *Independence of Gauss sums*
ANTONIO ROJAS (USEV-SEVILLA)
COFFEE or TEA
- 16:30-17:10 *A quaternionic construction of p -adic singular moduli*
XAVIER GUITART(UB-BARCELONA)
- 17:15-17:55 *Waldspurger formula in higher cohomology*
SANTI MOLINA (UDL-IGUALADA)
- 18:00 **CLOSING**

- Online** *When the Birch-Swinnerton-Dyer conjecture was not remunerated*
JOAN CARLES LARIO (UPC-BARCELONA)
(registered and prerecorded talk, 50 minutes long, available online
- for a link contact organizers of the AGNT section)