

Linz Algebra Research Day
LARD 2018 (Christmas edition)
December 7

Program

Science Park 2, Room 0416-2

Part I: 10.15-11.45

Chair: Laszlo Mériai

10.15 Jose Capco: Sum of squares over rationals

10.30 Thomas Vetterlein: Ordered $*$ -fields and quotients in projective geometry

10.45 Mehdi Makhul: An application of Bertini Theorem

11.00 Ísabel Pirsic: p -adic ways for your $(t, m, s)_b$ plays

11.15 Oliver Roche-Newton: A construction for the Elekes-Szabo problem on intersections of grids with algebraic surfaces

11.30 Audie Warren: Translation destroys multiplicative structure

11.45 Sumaia Saad Eddin: On RSA integers

12:00 Coffee and discussions

Part II: 15.30-17.00

Chair: Arne Winterhof

15.30 Manuel Kauers: Is the classical degree bound for the symmetric product tight?

15.45 Manfred Buchacher: Restricted inhomogeneous lattice walks

16.00 Tim Boykett: Applying permutations in parallel

16.15 Jiayue Qi: How to avoid collision of 3D-realization for moving graphs

16.30 Thibaut Verron: Who wants (a few) guessing data points for free?

Comments

- 10 minutes talks + 5 minutes discussion
- only blackboard talks, no projector
- for a general 'algebraic' audience