

Linz Algebra Research Day(s) LARD 2013 (Christmas edition)

Program

Tuesday, December 3

13.00 Jaime Gutierrez (University Cantabria): Recovering a sum of two squares decomposition

13.15 Herivelto Borges (University of Sao Paulo): Minimal value set polynomials

13.30 Niels Lubbes (King Abdullah University of Science and Technology): Bounding the degree of families of rational curves

13.45 Manuel Kauers (RISC): Bounds for creative telescoping

14.00 Thomas Vetterlein (Department of Knowledge-Based Mathematical Systems): Tomonoids, and the many ways to cope with associativity

14.15 Günter Pilz (Institute of Algebra): Topological near-rings

14.30 Zafeirakis Zafeirakopoulos (RISC): The last elimination ideal

14.45 Tim Boykett (Institute of Algebra): Amnesia is radical: automata nearing radicals

15.00 Coffee and discussions

Wednesday, December 4

10.00 Christoph Fürst (RISC): Dimension in difference/differential rings

10.15 Gerhard Wendt (Institute of Algebra): Minimal left ideals in near-rings

10.30 Oğuz Yayla (RICAM): Conference matrices

10.45 Milan Stehlik (Institute of Applied Statistics): Algebraical issues of cancer research

11.00 Peter Mayr (Institute of Algebra): Generating direct powers

11.15 Erhard Aichinger (Institute of Algebra): Clone and near-ring generation

11.30 Josef Schicho (RISC, RICAM): Möbius photogrammetry

11.45 David Thomson (Carleton University): An open problem in normal bases over finite fields

12.00 Coffee and discussions

Comments

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