

AAA105 – Schedule

Thursday 30th

17:00-20:00: Early registration in lecture room K3 at the **Karlín(!) campus**

Friday, May 31st, Morning

The contributed talks are scheduled for 20 minutes in length, followed by a 5 minute discussion period and a 5 minute break in order to allow participants to change sessions.

8:00-8:45: Registration

8:45-9:00: Opening, lecture hall S9

	Lecture hall S9 Chair: Péter P. Pálffy		
9:00 - 10:00	Erhard Aichinger Equations over finite algebras		
10:00 - 10:30	Coffee break		
	Lecture hall S9 Chair: Erhard Aichinger	Lecture hall S8 Chair: Tamás Waldhauser	Lecture hall S10 Chair: Antoine Mottet
10:30 - 11:00	Simon Grünbacher Testing sparse polynomial identities over finite fields	Kamilla Kátai-Urbán Measuring associativity of graph algebras	Emília Halušková On retract varieties of algebras
11:00 - 11:30	Peter Mayr Automorphism groups of filtered Boolean powers	Eszter K. Horváth Poset-valued functions and residuated maps	Tim Boykett Permutation clones that preserve relations
11:30 - 12:00	Nebojša Mudrinski Calculating extended commutator equalities	Tamás Ágoston Monoidal intervals on finite sets	Alexey Barsukov Edge-colourings in graphs and CSPs
12:00 - 12:30	Alexander Wires Extensions of R-modules expanded by multilinear operators	Kristóf Varga One-dimensional strong affine representations of the polycyclic monoids	Sebastian Meyer Polymorphisms in CSPs, topology and social choices

AAA105 – Schedule

Friday, May 31st, Afternoon

	Lecture hall S9 Chair: Libor Barto		
14:30 - 15:30	Miklós Maróti Prime Maltsev conditions		
15:30 - 16:00	Coffee break		
	Lecture hall S9 Chair: Miklós Maróti	Lecture hall S8 Chair: Nóra Szakács	Lecture hall S10 Chair: Celestin Lele
16:00 - 16:30	Petar Marković Bulatov's colored edge theory in minimal Taylor algebras	Ganna Kudryavtseva A new approach to universal F-inverse monoids in enriched signature	Vijay Kumar Bhat Incidence Matrix and Wiener Index with Python Code of Zero Divisor Graphs
16:30 - 17:00	Dmitriy Zhuk Strong subalgebras: version 4	Ajda Lemut The structure of the free F-restriction monoid	Miroslav Korbelář Congruence-simple matrix semirings
17:00 - 17:30	Florian Starke Weakest non-trivial finite Structures	Boonnisa Passararat The Conjugate Elements of a Subsemigroup of I_n	Ariane Gabriel Tallee Kakeu Relative annihilators in generalizations of fuzzy structures
17:30 - 18:00	Paolo Marimon Minimal operations over permutation groups	Anatolii Zhuchok The least strict 3-tuple semigroup congruence on the free trioid	Chancelle Olivade Kamga Rings Whose Set of Ideals Form a Semi-Mtl Algebra
19:00 - ...?	Social dinner		

AAA105 – Schedule

Saturday, June 1st, Morning

	Lecture hall S9 Chair: David Stanovský		
9:00 - 10:00	Robert Gray The geometry of the word problem for groups and inverse monoids		
10:00 - 10:30	Coffee break		
	Lecture hall S9 Chair: Peter Mayr	Lecture hall S8 Chair: Robert Gray	Lecture hall S10 Chair: Adam Přenosil
10:30 - 11:00	Péter P. Pálffy Skew braces - a new playground for algebraists	Thomas Aird The meet-stalactic monoid	Ivan Chajda Orthogonality and complementation in the lattice of subspaces of a finite vector space
11:00 - 11:30	Tamás Waldhauser Associativity conditions for linear quasigroups	Vítor Hugo Fernandes Endomorphisms of semigroups of monotone transformations	Helmut Länger A characterization of permutability of 2-uniform tolerances on posets
11:30 - 12:00	Jonathan D. H. Smith Linear quasigroups and quasigroup triality	Teresa Melo Quinteiro On three submonoids of the dihedral inverse monoid on a finite set	Celestin Lele Some Subclasses of Residuated lattices and residuated Multilattices with Applications
12:00 - 12:30	Aleš Drápal Two notions of solvability in Moufang loops	Nóra Szakács The growth of free inverse monoids	Darline Laure Keubeng Yemene One parameter derivation on multilattices

AAA105 – Schedule

Saturday, June 1st, Afternoon

	Lecture hall S9 Chair: Michael Pinsker		
14:30 - 15:30	Antoine Mottet A story of oligomorphic clones and finite minions		
15:30 - 16:00	Coffee break		
	Lecture hall S9 Chair: Manuel Bodirsky	Lecture hall S8 Chair: Carles Noguera	Lecture hall S10 Chair: Miroslav Korbelař
16:00 - 16:30	Tomáš Nagy Neoliberalism and local consistency	Miroslav Ploščica Natural representation of lattices and other algebras	Delbrin Ahmed Signed Roman Domination in Cartesian Products: Exploring Cycles, Paths, and Complements
16:30 - 17:00	Michał Wrona Some Sufficient Conditions for Bounded Width over Infinite Structures	Václav Cenker Finitely Generated Varieties of Commutative BCK-algebras: Covers	Stefan E. Schmidt Möbius Inversion on Action Networks
17:00 - 17:30	Bertalan Bodor CSPs for reducts of Johnson graphs	Dominik Lachman Effect algebras are nice simplicial sets	Małgorzata Jastrzebska Some properties of reduced and semiprime rings
17:30 - 18:00	Žaneta Semanišínová Identifying Tractable Quantified Temporal Constraints within Ord-Horn	Stefano Fioravanti Varieties of MV-monoids and positive MV-algebras	Yurii Zhuchok The weak endomorphism semigroup of a partial equivalence
18:00 - 18:30		Filip Jankovec Subvariety lattice of the variety of pointed Abelian l-groups	

AAA105 – Schedule

Sunday, June 2nd, Morning

	Lecture hall S9 Chair: Wesley Fussner	Lecture hall S8 Chair: Mike Behrisch	Lecture hall S10 Chair: Nebojša Mudrinski
09:00 - 09:30	Sara Ugolini Passive structural completeness in quasivarieties of logic	Filippo Spaggiari Disorder in Algebra	Ainur Basheyeva The quasivariety $\mathbf{SP}(L_6)$ - a duality result
09:30 - 10:00	Adam Přenosil Hölder's theorem for totally ordered monoids	Erkko Lehtonen On the cardinalities of lattices of clonoids	Anna Mućka Decomposition of dyadic polytopes into unions of simplices
10:00 - 10:30	Gavin St. John Decision problems from idempotent semirings to substructural logics	Hajime Machida A restricted class of majority functions and minimal clones	Samir Zahirović Fresh insights into power graphs of infinite groups
10:30 - 11:00	Coffee break		
	Lecture hall S9 Chair: Sara Ugolini	Lecture hall S8 Chair: Stefano Fioravanti	Lecture hall S10 Chair: Filip Jankovec
11:00 - 11:30	Wesley Fussner Practical methods for the study of amalgamation in certain quasivarieties	Mike Behrisch Towards decomposing lattices of integer partitions using arrow relations	Jörg Koppitz End-regular flower graphs $C_{r,s}$
11:30 - 12:00	Reinhard Pöschel Generalized quasiorders, in particular 1-and 2-dimensional on a 2-element set	Jakub Bulín Short definitions in constraint languages	Chun-Yu Lin Nonclassical Polyadic Algebra : Soft and Hard
12:00 - 13:00	Carles Noguera 0-1 laws for finite lattice-ordered algebras		

13:00-13:15: Closing, lecture hall S9