

AAA99 – Schedule of Lectures

Friday, February 21st, Morning

The talks are scheduled for 20 (or 50) minutes in length, followed by a 5 minute discussion period and a 5 minute break in order to allow participants to change sessions.

08:00 - 09:00	Registration		
09:00 - 09:30	Opening: Lecture Hall 101		
	Lecture Hall 101 Chair: Paolo Aglianò		
9:30 - 10:30	Michael Kompatscher CC-circuits and the expressive power of nilpotent algebras		
10:30 - 11:00	Coffee break		
	Lecture Hall 101 Chair: Ivan Chajda	Lecture Hall 103 Chair: Erkki Lehtonen	Lecture Hall 149 Chair: Caterina Viola
11:00 - 11:30	Miguel A. Marcos Twist-products and Nelson-type algebras	Mike Behrisch On the Burris-Willard conjecture	Philipp Nuspl Solving systems of equations of fixed size over finite groups
11:30 - 12:00	Diego Valota A description of finite commutative idempotent involutive residuated lattices	Sebastian Kreinecker The lattice of monomial clones on finite fields	Kevin Berg The complexity of homomorphism factorization
12:00 - 12:30	Jakub Rydval Description logics with concrete domains and general concept inclusions revisited	Florian Aichinger Chains of clonoids and word orderings	Archil Kipiani Cardinalities of automorphism groups of partial mono-unary algebras
12:30 - 13:00	Marco Abbadini Priestley duality above dimension zero: algebraic axiomatisability of the dual of compact ordered spaces	Reinhard Pöschel The structure of the maximal congruence lattices of algebras on a finite set	Zbyněk Kurač Transfer-stable means on finite chains
13:00 - 15:00	Lunch		

AAA99 – Schedule of Lectures

Friday, February 21st, Afternoon

	Lecture Hall 101 Chair: Kevin Berg		
15:00 - 16:00	Pawel Idziak Circuit satisfiability and solving equations		
16:00 - 16:30	Coffee break		
	Lecture Hall 101 Chair: Zarathustra Brady	Lecture Hall 103 Chair: Miguel Andrés Marcos	Lecture Hall 149 Chair: Vyacheslav Yu. Shaprynskii
16:30 - 17:00	Libor Barto Reconstructing subproducts from projections	Milan Petřík Dominance relation on Triangular Norms	Premysl Jedlicka Distributive biracks and solutions of Yang-Baxter equation
17:00 - 17:30	Bertalan Bodor Chasing model-complete cores	Venkata Krishna Kanduru On the atomicity of the algebra of conditional logic	Kritsada Sangkhanan A partial order on transformation semigroups with restricted range that preserve double direction equivalence
17:30 - 18:00	Florian Starke Classification of cyclic height 1 conditions	Salvatore Scamperti Logic with atoms and undecidability of definable homomorphism problem for definable graphs	Teerapong Suksumran Parametrization of generalized Heisenberg groups: The skew-symmetric case

AAA99 – Schedule of Lectures

Saturday, February 22nd, Morning

	Lecture Hall 101 Chair: Reinhard Pöschel		
9:00 - 10:00	Dmitriy Zhuk Why CSP is easy		
10:00 - 10:30	Coffee break		
	Lecture Hall 101 Chair: Libor Barto	Lecture Hall 103 Chair: Diego Valota	Lecture Hall 149 Chair: Marco Bonatto
10:30 - 11:00	Zarathustra Brady Minimal-Taylor algebras	Anatolii Zhuchok On free rs-g-dimonoids	Dmitry Skokov Special elements of the lattice of epigroup varieties
11:00 - 11:30	Kristina Asimi Infinity: Relevant or Irrelevant?	Vyacheslav Yu. Shaprynskii Cancellable elements of lattices of semigroup varieties	Samir Zahirović The power graphs of finite and some torsion-free groups
11:30 - 12:00	Caterina Viola Applying Farkas' lemma to infinite-domain valued CSPs	László Márki Morita equivalence of semi-groups	Branimir Seselja Subnormal subgroups in the framework of weak congruence lattices of groups
12:00 - 14:00	Lunch		
14:00 - 15:30	Short tour of Siena		

AAA99 – Schedule of Lectures

Saturday, February 22nd, Afternoon

	Lecture Hall 101 Chair: Michael Kompatscher		
15:30 - 16:30	Petar Marković On some recent approaches to solving Frankl's union-closed sets conjecture		
16:30 - 17:00	Coffee break		
	Lecture Hall 101 Chair: Nebojša Mudrinski	Lecture Hall 103 Chair: Florian Starke	Lecture Hall 149 Chair: Jan Paseka
17:00 - 17:30	Erhard Aichinger The degree of a function between two abelian groups	Delbrin Ahmed Some large numbers of sub-universes of lattices	Agnieszka Stocka Sets of prime power order generators of finite groups
17:30 - 18:00	Jakob Moosbauer Chevalley Warning type results on abelian groups	Endre Tóth On centralizers of finite (semi)lattices, and a simpler way to the centralizers on $\{0, 1\}$	Claudia Muresan Obtaining axiomatizations for varieties generated by antiortholattices with the strong De Morgan property
18:00 - 18:30	Lydia Lichtenberger Generating congruence preserving functions of finite groups	Barbora Batíková Semirings of 0,1-preserving endomorphisms of semilattices	
20:30	Social dinner		

AAA99 – Schedule of Lectures

Sunday, February 23rd, Morning

	Lecture Hall 101 Chair: Erhard Aichinger	Lecture Hall 103 Chair: Marco Abbadini	Lecture Hall 149 Chair: Dmitry Skokov
09:00 - 09:30	Nebojša Mudrinski Commutator sequences	Jan Paseka Categories of orthogonality spaces	Małgorzata Hryniewicka Nondistributive rings
09:30 - 10:00	Marco Bonatto Commutator theory for skew braces	Ivan Chajda Varieties corresponding to classes of complemented posets	Karol Pryszczepko Fully filial rings
10:00 - 10:30	Erkko Lehtonen Associative spectra of graph algebras	Kadir Emir Strict quantum 2-groups vs simplicial objects	
10:30 - 11:00	Coffee break		
	Lecture Hall 101 Chair: Mike Behrisch		
11:00 - 12:00	Paolo Aglianò Splitting residuated lattices		
12:00 - 12:30	Closing: Lecture Hall 101		