

92. Arbeitstagung Allgemeine Algebra
Prague, Czech Republic, 2016

PROGRAM

Thursday

18:00 – 22:00	Registration (Restaurace G)
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Friday

8:00 – 11:00	Registration
8:55	Opening

Friday

Room 1

Room 2

	<i>Chairperson:</i> Erhard Aichinger		<i>Chairperson:</i> Maja Pech	
9:00–10:00	Patrick Dehornoy	Multifraction reduction in Artin-Tits groups		
10:05–10:25	Peter Mayr	Finiteness conditions for subdirect products	Nasir Sohail	On epimorphisms of ordered algebras
<i>coffee break</i>				
	<i>Chairperson:</i> Peter Mayr		<i>Chairperson:</i> Sergejs Solovjovs	
10:50–11:10	Erhard Aichinger	Congruence lattices forcing nilpotency	Somsak Lekkoksung	Monoid of Nd-Full Hypersubstitutions
11:15–11:35	Nebojša Mudrinski	On algebras with a linear bound on the length of terms	Nareupanat Lekkoksung	Characterizations of Idempotent Elements in Pre-Generalized Hypersubstitutions of type $\tau=(m,n)$
11:40–12:00	Claudia Mureşan	Varieties with Property Going Up	Jānis Cīrulis	On the lattice structure of Foulis semigroups
12:05–12:25	Agata Pilitowska	Algebras with a central semilattice operation	Leonard Kwuida	On the size of concept lattices after generalizing attributes
<i>lunch</i>				
	<i>Chairperson:</i> Petr Vojtěchovský			
14:15–15:15	Barbara Baumeister	Covering a group by conjugates of a coset		
<i>coffee break</i>				
	<i>Chairperson:</i> Claudia Mureşan		<i>Chairperson:</i> Barbara Baumeister	
15:40–16:00	Miroslav Ploščica	Diagram induced topological properties of congruence lattices	Reinhard Pöschel	Permutation groups, permutation patterns, and Galois connections
16:05–16:25	Anna Zamojska-Dzienio	On quasivarieties of graphs	Erkko Lehtonen	Permutation classes closed under pattern involvement and composition
16:30–16:50	Marcin Łazarz	Characterization of Modularity by Means of Cover-Preserving Sublattices	Eszter K. Horváth	Invariance groups of lattice-valued functions
<i>leftovers break</i>				
	<i>Chairperson:</i> Thomas Vetterlein		<i>Chairperson:</i> Patrick Dehornoy	
17:05–17:25	Helmut Länger	Relatively pseudocomplemented posets	Naqeeb ur Rehman	The cycle structure of quandles
17:30–17:50	Ivan Chajda	Lattices with unique complementation	Aleš Drápal	Quasigroups with few associative triples
18:30–?	Dinner			

Saturday

Room 1

Room 2

	<i>Chairperson:</i> Miklós Maróti		<i>Chairperson:</i> Eszter Horváth	
9:00–10:00	Alexandr Kazda	Directed Jónsson and Gumm terms		
10:05–10:25	Jakub Opršal	Taylor's modularity conjecture for idempotent identities	Anna Romanowska	Lattices without absorption

coffee break

	<i>Chairperson:</i> Alexandr Kazda		<i>Chairperson:</i> Miroslav Korbelař	
10:50–11:10	Dmitriy Zhuk	On CSP Dichotomy Conjecture	Anna Mučka	Duality for dyadic intervals
11:15–11:35	Petar Marković	On the complexity of Quantified Constraint Satisfaction Problem via polymorphisms	Marek Kępczyk	On rings which are sums of two PI-subrings
11:40–12:00	Petar Đapić	Almost all strongly connected semicomplete digraphs have only trivial idempotent polymorphisms	Kamil Kozłowski	On rings whose set of nilpotent elements is a Wedderburn radical subring
12:05–12:25	Dejan Delic	Finer complexity of Constraint Satisfaction Problems with Maltsev Templates	Insa Cremer	The varieties of Rickart rings and reduced Rickart rings

lunch

	<i>Chairperson:</i> Michael Pinsker			
14:15–15:15	Igor Dolinka	Representing groups by endomorphisms of the random graph		

coffee break

	<i>Chairperson:</i> Igor Dolinka		<i>Chairperson:</i> Helmut Länger	
15:40–16:00	Michael Pinsker	The algebraic dichotomy conjecture for infinite domain CSPs	Thomas Vetterlein	Group coextensions of monoids in an ordered setting
16:05–16:25	Michael Kompatscher	CSPs over the random partial order	Sergejs Solovjovs	On representation of lattice-valued frames as quantale algebras
16:30–16:50	Trung Van Pham	Complexity classification for the semilinear-order constraint satisfaction problems	Pavel Pták	A variety of orthocomplemented lattices related to \mathbb{Z}_2 -valued measures

leftovers break

	<i>Chairperson:</i> Danica Jakubíková-Studenovská		<i>Chairperson:</i> Tomasz Kowalski	
17:05–17:25	Mike Behrisch	Reconstructing the topology on monoids and clones of the rationals	Michiro Kondo	The radicals of local residuated lattices
17:30–17:50	Miroslava Černegová	The second centralizer of a monounary algebra	Jiří Rachůnek	Derivations on GMV-algebras
17:55–18:15	Lucia Janičková	Complemented quasiorder lattice of a monounary algebra	Aissa Nasli Bakir	On intertwining non normal operators in a Banach space
18:20–18:40	Pasha Zusmanovich	On extensions of multiary maps to superposition of binary ones	Hamid Saati Shirvan	Topological index of some Carbon Nanotubes and Symmetry Group for Nanotubes and unit cells in solid

Sunday

Room 1

Room 2

	<i>Chairperson:</i> Petar Marković		<i>Chairperson:</i> Anna Romanowska	
9:00–10:00	Tomasz Kowalski	Qualitative Calculi as a generalisation of Tarski's Relation Algebras		
10:05–10:25	Tamás Waldhauser	On the poset of minors of a function	Jonathan Smith	Keimel's Problem and threshold convexity

coffee break

	<i>Chairperson:</i> Reinhard Pöschel		<i>Chairperson:</i> Jānis Cīrulis	
10:50–11:10	Maja Pech	On products of amalgams and amalgams of products	Messaoud Deghdak	Application of Lattice-theoretical Methods to the existence of equilibrium in ordinal games
11:15–11:35	Ivica Bošnjak	Globals of graphs	Miroslav Korbelař	Divisibility and torsion in commutative semirings with several generators
11:40–12:00	Petr Vojtěchovský	Code loops in dimension up to 8	Yurii Zhuchok	Automorphisms of the category of free commutative dimonoids
12:05–12:25	Ralph McKenzie	An idempotent grupoid having no Taylor term and no cube-term blockers		