

# AAA

## Arbeitstagung Allgemeine Algebra Workshop on General Algebra

AAA64  
May 30 – June 2, 2002

### Program

Friday, May 31

	Room 101			Room 102	
8:40	Opening				
9:00	R. Wille <i>Restructuring synthetic geometry: An approach based on the idea of representational measurement</i>				
10:00	<b>Coffee break</b>				
	Room 101 Denecke	Chair: K.		Room 102 Pilitowska	Chair: A.
10:30	M. Ploščica <i>Relative separation in distributive congruence lattices</i>		10:30	J. Dvorský, E. Ochodková, V. Snášel <i>Generating of large quasigroups: An application in cryptography</i>	
11:00	S. Radeleccki <i>On the equational classes of finite distributive <math>p</math>-algebras</i>		11:00	D. Duráková, V. Snášel <i>Conceptual structures</i>	
11:30	M. Semenova <i>Lattices of convex subsets of posets</i>		11:30	L. Kwuida <i>Distributive lattices with representable weak dicomplemented lattice structures</i>	
11:50	F. Wehrung <i>Lattices of convex subsets of posets</i>		11:50	G. Kövesiová <i><math>a</math>-realizers of monounary algebras</i>	
12:10	G. Binczak <i>Presentable semigroups</i>		12:10	J. Kaleta	
12:30	<b>Lunch break</b>				
	Room 101 Glazek	Chair: K.		Room 102 Studenovská	Chair: D. Jakubiková-
14:00	V. Slezák <i>Independent-closed complete lattices</i>		14:00	M. Vukovic <i>About paragraded structures</i>	
14:25	J. Paseka <i>Quantales and their modules</i>		14:25	A. Vanzhurová <i>Symmetric groupoids</i>	
15:00	G. Takách <i>Applications of gluing</i>		15:00	B. Ganter <i>Relational Galois Connections</i>	
15:25	<b>Coffee break</b>				
	Room 101 Ploščica	Chair: M.		Room 102 Eigenthaler	Chair: G.
15:55	J. Galuszka <i>Clones of groupoids with exactly five essentially binary term operations</i>		15:55	D. Šalounová <i>Normal valued and special valued GMV-algebras</i>	
16:20	L. Zádori <i>Malcev conditions on finite posets</i>		16:20	J. Cirulis <i>Multialgebras from the viewpoint of algebraic logic</i>	
16:50	R. Halaš, I. Chajda <i>Implication groupoids</i>		16:50	N. Pabhapote <i>Galois connections between algebras and languages</i>	
19:00	Conference dinner (Old Arsenal)				

**Saturday, June 1**

	Room 101 Chair: J. Paseka			
9:00	G. Czédli, E. Horváth <i>Maltsev conditions in congruence modular varieties</i>			
9:50	J. Rachunek <i>Compactly generated GMV-algebras</i>			
10:20	<b>Coffee break</b>			
10:45	V. Dlab <i>Representations and stratification of algebras</i>			
	Room 101 Chair: B. Ganter		Room 102 Chair: M. Vukovic	
11:45	L. Szabó <i>Infinite idempotent algebras with 3-transitive groups of automorphisms</i>	11:45	J. Chvalina <i>Noncommutative join hypergroups of affine transformations of ordered fields</i>	
12:15	H. Länger <i>Normal varieties of monounary algebras</i>	12:15	A. Zamojska-Dzienio <i>Embedding modes into semimodules</i>	
12:35	<b>Lunch break</b>			
	Room 101 Chair: F. Wehrung		Room 102 Chair: M. Semenova	
14:00	K. Denecke <i>Solid pseudovarieties</i>	14:00	D. Mašulovic <i>On universal coalgebra and the behaviour of systems</i>	
14:35	J. Koppitz <i>All regular solid varieties of commutative semigroups</i>	14:35	K. Glazek <i>Term operations of quasi-modules</i>	
15:00	D. Schweigert <i>Hybrid identities</i>	15:00	N. Sushchanska <i>On some algebraic constructions via applications in syntactical analysis of natural language</i>	
15:25	<b>Coffee break</b>			
	Room 101 Chair: S. Radeleczki		Room 102 Chair: L. Szabó	
15:55	E. Graczynska <i>Hybrid identities II</i>	15:55	V. Sushchansky <i>On the growth functions of automata and semigroups</i>	
16:30	J. Kühr <i>On ideals of noncommutative DRI-monoids</i>	16:30	N. Punnim <i>Some results on graph parameters of random graphs</i>	
16:55	G. Eigenthaler, I. Chajda <i>Varieties of <math>g</math>-coherent algebras</i>	16:55	K. Matczak <i>The subquasivariety lattice of the variety of commutative quasigroup modes</i>	
17.15	G. Dorfer <i>Local versions of permutability, regularity and uniformity of congruences in single algebras</i>	17.15	P. Corsini <i>Hyperstructures, rough sets and fuzzy sets</i>	
17:35	J. Gurican <i>Recurrency relations within polynomial sequences</i>	17.35	V. Leoreanu <i>Direct limits and inverse limits of hyperstructures associated with fuzzy sets and rough sets</i>	

**Sunday, June 2**

	Room 101 Chair: V. Dlab			
9:00	A. Romanowska <i>Remarks on duality for modes</i>			

10:00	A. Pilitowska <i>Identities for some complex algebras of subalgebras</i>	
10:20	<b>Coffee break</b>	
10:50	R. Pöschel <i>Invariants for coalgebras</i>	
	Room 101 Dorfer	Chair: G.
	Room 102 Rachunek	Chair: J.
11:30	D. Jakubíková-Studenovská <i>On a cancellation law for monounary algebras</i>	11:30
		J. Klimeš <i>Rotations between lattices</i>
11:50	K. Pszczola <i>Duality for some convex polytopes</i>	11:50
		J. Hora <i>Trilinear alternating forms</i>
12:30	Closing of the conference	