AAA68
Conference Programme

Arbeitstagung **A**llgemeine **A**lgebra — Workshop on General Algebra
June 10–13, 2004, Dresden University of Technology

Since 34 years, the AAA Workshop on General Algebra (meanwhile merged with the *"Konferenz Algebra und Grenzgebiete"* and the *"Konferenz junger Algebraiker"*) is being held semi-annually in Germany or its neighbouring countries. This 68th workshop is organized by the Dresden Institute of Algebra.

Special thanks go to Ulrike Baumann, Jürgen Brunner, Alexander Franz, Joachim Hereth Correia, Ilse Ilsche, Daniel Kirsten, Dietrich Kuske, Leonard Kwuida, Ina Mäurer, Ingmar Meinecke, Christian Pech, Ulrike Püschmann, Ingrid Reim, Heiko Reppe, Gudrun Seidel, Caroline Semmling and Christian Zschalig for their organizatorial work.

The organizing committee
Bernhard Ganter, Reinhard Pöschel

The following schedule lists all really given lectures.

AAA68: Thursday, June 10

$17^{30} - 20^{30}$	Get-together and Registration, conference building Willersbau C207

AAA68: Friday, June 11

The room C207 can be used for breaks and discussions, too

	Lecture Hall A317	Lecture Hall B321	Lecture Hall A124	
8^{00}–8^{50}	Registration in room C207			
9^{00}–9^{10}	**opening** (by Dean)			
9^{10}–10^{00}	chair: **Pöschel, Reinhard** invited lecture **Volkov, Mikhail** Complexity of algebra and algebra of complexity			
	coffee break (C207)			
10^{45}–11^{00}	chair: **Polák, Libor** **Klíma, Ondřej** Complexity issues of checking identities in finite monoids	chair: **Radeleczki, Sándor** **Adaricheva, Kira** Reflections on Lower Bounded Lattices (joint work with J.B. Nation)	chair: **Jakubíková - Studenovská, Danica** **Tonga, Marcel** Semiprimality relative to *-congruences	
11^{05}–11^{20}	-	**Katriňák, Tibor** Projective extensions of bounded semilattices	**Pilitowska, Agata** Linear identities in complex algebras of subalgebras	
11^{25}–11^{40}	**Delić, Dejan** Finite decidability of locally finite varieties	**Cīrulis, Jānis** The lattice of closure endomorphisms of a Hilbert algebra	**Dojer, Norbert** Clones of modes	
11^{45}–12^{00}	**Bican, Ladislav** Torsionfree classes and precovers	**Wille, Rudolf** Coherence networks of concept lattices: The basic theorem	**Stronkowski, Michal** Embedding algebras into semimodules	
	lunch break (registration: 13^{00}–13^{40} room C207)			

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	Lecture Hall A317	Lecture Hall B321	Lecture Hall A124	Seminar Room B122
	AAA68: Friday, June 11 (last update: (13:00) June 14, 2004)			
13^{45}–14^{35}	chair: **Pech, Christian** invited lecture **Rutten, Jan** Coalgebra: an introduction and an application			
14^{45}–15^{00}	chair: **Márki, László** **Šešelja, Branimir** On a classification of functions from a set to a poset	chair: **Kautschitsch, Hermann** **Aichinger, Erhard** Commutators and congruence preserving functions on expanded groups	chair: **Eigenthaler, Günther** **Chajda, Ivan** Orthomodular semilattices and orthosemilattices	This room may be used for discussions
15^{05}–15^{20}	**Tepavčević, Andreja** On a construction of lattices arising from groups	**Zadori, László** Bounded width algebras	**Ploščica, Miroslav** Uniform refinement properties in distributive semilattices	
	coffee break (C207)			
16^{05}–16^{20}	chair: **Šešelja, Branimir** **Denecke, Klaus** Iteration properties of switching functions	chair: **Graczyńska, Ewa** **Głazek , Kazimierz** Remarks on endolinear algebras and endoalgebras	chair: **Pálfy, Péter P.** **Repnitskii, Vladimir** On the representation of lattices by subgroup lattices	This room may be used for discussions
16^{25}–16^{40}	**Shtrakov, Slavcho** Recursive coloration of trees	**Chwastyk, Anna** Remarks on Q-independence of Stone algebras	**Nurakunov, Anvar** Finite lattices of relative congruences of finite algebras	
16^{50}–17^{05}	chair: **Katriňák, Tibor** **Halaš, Radomir** Implication in MV-algebras	chair: **Adaricheva, Kira** **Winkler, Reinhard** Operations with continuous extensions to compactifications	chair: **Ganter, Bernhard** **Czédli, Gábor** Coalition lattices	This room may be used for discussions
17^{10}–17^{25}	**Vanžurová, Alena** Normalization of MV-algebras	**Romanowska, Anna** Dyadic intervals: algebraic, number theoretic and geometric aspects	**Klimes, Jiri** Fixed points and retracts in pseudo-ordered sets	
17^{30}–17^{45}	**Kühr, Jan** On DRl-monoids and GMV-algebras	**Šlapal, Josef** Relational closure operations	**Changphas, Thawhat** Monogenic submonoids of hypersubstitutions	
17^{50}–18^{10}	-	-	**Chompoonut, Chandrasri** M-solid quasivarieties	
19^{00}–$22...$	Evening party in the building "Neue Mensa"			

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	Lecture Hall A317	Lecture Hall B321	Lecture Hall A124	Seminar Room B122
	AAA68: Saturday, June 12 (last update: (13:00) June 14, 2004)			
9^{10}–10^{00}	chair: **Droste, Manfred** invited lecture **Holland, W. Charles** Small varieties of lattice-ordered groups			
coffee break (C207)				
10^{45}–11^{00}	chair: **Szendrei, Ágnes** **Foldes, Stephan** On definability of function classes by equations and relational constraints	chair: **Chajda, Ivan** **Krapež, Aleksandar** Groups, trees and quasigroup identities	chair: **Aichinger, Erhard** **Neumaier, Christian** Bijections generating the near-ring of zero-preserving functions on a finite group	This room may be used for discussions
11^{05}–11^{20}	**Couceiro, Miguel** On Galois connections between external operations and relational constraints	**Stanovský, David** On left distributive left quasigroups	**Wendt, Gerhard** On the number of zero divisors in near-rings	
11^{25}–11^{40}	**Szabó, László** On algebras with primitive positive clones	**Molchanov, Vladimir** On nonstandard methods in the theory of pseudovarieties	**Kautschitsch, Hermann** Feedback cyclization in polynomial rings over integral domains	
11^{45}–12^{00}	**Kötters, Jens** Are almost all graphs rigid?	**Polák, Libor** On pseudovarieties of morphisms	**Mayr, Peter** Polynomial functions on classical groups and Frobenius groups	
lunch break				

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	AAA68: Saturday, June 12 (last update: (13:00) June 14, 2004)			
13^{45}–14^{35}	chair: **Burmeister, Peter** invited lecture **Kearnes, Keith** Which groups arise as Aut(AxA)?			
14^{45}–15^{00}	chair: **Börner, Ferdinand** **Szendrei, Ágnes** Clones closed under conjugation	chair: **Romanowska, Anna** **Ruzicka, Pavel** Ideal lattices of dimension groups	chair: **Sushchansky, Vitaly** **Chis, Mihai** Groups with 6 conjugacy classes	This room may be used for discussions
15^{05}–15^{20}	**Pinsker, Michael** Monoidal intervals in the clone lattice	**Semenova, Marina** On lattices of algebraic subsets	**Liskovets, Valery** Subgroups of finitely generated groups: enumeration up to conjugacy revisited	
	coffee break (C207)			
16^{00}–16^{15}	chair: **Goldstern, Martin** **Bodirsky, Manuel** The core of an omega-categorical structure	chair: **Repnitskii, Vladimir** **Radeleczki, Sándor** Congruences and isoton mappings of a partially ordered set	chair: **Cīrulis, Jānis** **Jakubíková - Studenovská, Danica** Ideal extensions of partial monounary algebras	This room may be used for discussions
16^{20}–16^{35}	**Pibaljommee, Bundit** Clone of implicit operation	**Kuchmei, Vladimir** Locally order affine complete modular lattices of finite height	**Binczak, Grzegorz** The lattice of weak monounary varieties.	
16^{40}–16^{55}				
	some special advices for the evening: 6 p.m.: Vesper (organ music and(?) choir), Kreuzkirche Dresden (city center) 6 p.m. Choir Frankfurt/Oberrad sings in the Leubnitzer Kirche (one of the most beautiful village churches in Dresden), Altleubnitz (bus 75, bus stop "Klosterteichplatz") to be continued			

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AAA68: Sunday, June 13 (last update: (13:00) June 14, 2004)

	Lecture Hall A317	Lecture Hall B321	Lecture Hall A124	Seminar Room B122
	chair: **Mašulović, Dragan**	chair: **Denecke, Klaus**	chair: **Mayr, Peter**	
9^{10}–9^{25}	**Bredikhin, Dmitry** On varieties of semigruops of relations with unary primitive-positive operations	**Graczyńska, Ewa** On the problem of basis for solid quasivarieties		This room may be used for discussions
9^{30}–9^{45}	**Börner, Ferdinand** Weak systems of relations	**Koppitz, Jörg** Rho-solid varieties of semigroups	**Ke, Wen-Fong** Linear preserver problems on matrix algebras over unital commutative rings	
9^{50}–10^{05}	**Schweigert, Dietmar** Polynomial function on a central relation	**Yamamura, Akihiro** A class of inverse monoids acting on ordered forests	**Bashkirov, Evgenii** Some completely reducible linear groups over a quaternion division ring containing a root subgroup	
10^{10}–10^{25}	**Ponjavić, Maja** On the structure of the poset of endomorphism monoids of central relations	**Sushchansky, Vitaly** Inverse semigroups generated by two-state Mealy partial automata over two-element alphabet	–	
	coffee break (C207)			
	chair: **Volkov, Mikhail** invited lecture			
11^{05}–11^{55}	**Pálfy, Péter P.** Some aspects of the finite congruence lattice representation problem			
11^{55}–12^{00}	**closing**			

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