

**AAA60: Workshop on General Algebra
(60. Arbeitstagung Allgemeine Algebra)**

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Dresden University of Technology
Dresden, Germany

List of Participants

- Adams, Mick**, Mathematics Department, State University of New York at New Paltz, New Paltz, NY 12561, USA, adamsm@matrix.newpaltz.edu, “*A connection between finite-to-finite universal and Q -universal quasivarieties*”
- Aichinger, Erhard**, Abteilung Algebra, Johannes Kepler Universität Linz, 4040 Linz, Austria, erhard@algebra.uni-linz.ac.at, “*Polynomial functions on Ω -groups*”
- Arworn, Srichan**, Department of Mathematics, Faculty of Science, ChiangMai University, ChiangMai 50200, Thailand, scmti002@chiangmai.ac.th
- Auer, Sören**, TU-Dresden, Institut für Algebra, Germany, auer@math.tu-dresden.de
- Bell, Howard E.**, Department of Mathematics, Brock University, St. Catharines, Ontario, L2S 3A1, Canada, hbells@spartan.ac.brocku.ca, “*Rings with finitely many nilpotents: applications to commutativity*”
- Bińczak, Grzegorz**, Institute of Mathematics, Warsaw University, ul. Banacha 2, 02-097 Warszawa, Poland, binczak@alfa.mimuw.edu.pl, “*A simple algebraic characterization of weak equational theories*”
- Bredikhin, Dmitri**, Lermontova 7-22, 410002 Saratov, Russia, bredikhin@mail.ru, “*On Identities and Quasiidentities of Algebras of Relations*”
- Bulatov, Andrei**, Dept. of Algebra and Discrete Math., Ural State University, Lenina ave. 51, 620083 Ekaterinburg, Russia, Andrei.Bulatov@usu.ru, “*On the number of Mal'tsev algebras*”
- Burmeister, Peter**, FB 4, AG 1, TU Darmstadt, Schloßgartenstr. 7, D-64289 Darmstadt, Germany, burmeister@mathematik.tu-darmstadt.de, “*On some properties of small orthomodular partial algebras (OMAs)*”
- Börner, Ferdinand**, Institut für Informatik, Universität Potsdam, PF 601553, 14415 Potsdam, Germany, fboerner@rz.uni-potsdam.de, “*Total multifunctions and relations*”
- Chajda, Ivan**, Dept. of Algebra and Geometry, Palacky University Olomouc, Tomkova 40, 779 00 OLOMOUC, Czech Republic, CHAJDA@RISC.UPOL.CZ, “*On n -permutable and distributive-at-0 varieties*”
- Damianov, Ivo**, Dept. of Computer Sciences, South-West University, 66 Ivan Michailov Blvd., 2700 Blagoevgrad, Bulgaria, damianov@aix.swu.bg, “*On the structural properties of Diskrete Functions*”
- Denecke, Klaus**, Universität Potsdam, Institut für Mathematik, PF 601553, 14415 Potsdam, Germany, kdenecke@rz.uni-potsdam.de, “*Tree-Hyperrecognizers*”
- Dorfer, Gerhard**, Institut f. Algebra u. Computermathematik, Technische Univ. Wien, Wiedner Hauptstr. 8-10/118, A-1040 Wien, Austria, g.dorfer@tuwien.ac.at, “*Regularity of generalized MV-algebras*”
- Droste, Manfred**, Germany, droste@math.tu-dresden.de, “*The automorphism group of the universal distributive lattice*”
- Eighthaler, Günther**, Institut für Algebra und Computermathematik, Technische Universität Wien, Wiedner Hauptstr. 8-10, A-1040 Wien, Austria, g.eighthaler@tuwien.ac.at
- Erné, Marcel**, Institut für Mathematik, Universität Hannover, Welfengarten 1, D-30167 Hannover, Germany, erne@math.uni-hannover.de, “*Free two-sided join-semirings*”
- Eskov, Vitali**, Nesterova 59 - 122, 220047 Minsk, Belarus, [vit@telebot.com](mailto:vitali@telebot.com), “*On some clones with respect to action of symmetrical groups*”
- Farley, Jonathan D.**, Department of Mathematics, Vanderbilt University, Nashville, TN 37240, USA, farley@math.vanderbilt.edu, “*A Dilworth-type Covering Theorem for Semidistributive Lattices*”
- Fried, Ervin**, Vizimolnár u. 10., 1031 Budapest, Hungary, efried@cs.elte.hu, “*On the solvability of equations of higher degree*”
- Fritzsche, Reiner**, Matthias-Grünwald-Str. 1, 06124 Halle, Germany, fritzsche@mathematik.uni-halle.de
- Galuszka, Jan**, Institute of Mathematics, Silesian Technical University, Kaszubska 23, 44-100 Gliwice, Poland, jagalusz@zeus.polsl.gliwice.pl, “*Finite idempotent groupoids with small clones*”
- Ganter, Bernhard**, Germany, ganter@math.tu-dresden.de
- Goldstern, Martin**, Department of Algebra, Wiedner Hauptstr. 8-10/118.2, Technische Universität, A-1040 Wien, Austria, Martin.Goldstern@tuwien.ac.at, “*Clones on regular cardinals*”
- Grabowski, Jens-Uwe**, Institut für Algebra, TU Dresden, 01069 Dresden, Germany, grabo@math.tu-dresden.de, “*Varieties of relational structures*”
- Graczynska, Ewa**, ul. Tatrzańska 42 m. 8, 45-217 Opole, Poland, egracz@pola.po.opole.pl, “*Opeads in universal algebra*”
- Gumm, H. Peter**, Philipps Universität Marburg, Fachbereich 12, 35032 Marburg, Germany, gumm@mathematik.uni-marburg.de, “*Universal coalgebra - a theory of state based systems*”
- Gyurov, Boyko**, Dept. of Mathematics, South-West University “Neofit Rilski”, 66 Iv. Mihailov str., 2700 Blagoevgrad, Bulgaria, ggyurov@aix.swu.bg, “*Regular Semigroups satisfying the Equation $eab = eabeb$ for all $a, b \in S$ and $e \in E(S)$* ”

Göbel, Rüdiger, FB6, Mathematik, Uni Essen, 45117 Essen, Germany, r.goebel@uni-essen.de, “Automorphism groups in geometric lattices”

Halaš, Radomir, Dept. of Algebra and Geometry, Palacky University Olomouc, Tomkova 40, 779 00 Olomouc, Czech Republic, halas@aix.upol.cz, “Annihilator theory for some classes of algebras”

Heindorf, Lutz, 2. mathematisches Institut, FU-Berlin, Arnimallee 3, 14195 Berlin, Germany, heindorf@math.fu-berlin.de

Heinecke, Barbara, Von-Hacht-Weg 11, 21035 Hamburg, Germany, Barbara.Heinecke@t-online.de

Heitzig, Jobst, Institut für Mathematik, Universität Hannover, Welfengarten 1, 30167 Hannover, Germany, heitzig@math.uni-hannover.de, “Distance in lattices”

Hesse, Sven-Oliver, Urbanstr.66, 10967 Berlin, Germany, Stхиеle@math.fu-berlin.de

Holub, Štěpán, Patkova 3/B1201, 18200 Praha 8, Czech republic, holub@karlin.mff.cuni.cz, “Characterization of binary equality sets”

Holzer, Richard, Mainzerstr. 29, 64839 Münster, Germany, holzer@mathematik.tu-darmstadt.de, “Greechie diagrams of orthomodular algebras”

Hort, Daniel, Dept. of Algebra and Geometry, Palacky University Olomouc, Tomkova 40, 779 00 OLOMOUC, Czech Republic, HORT@RISC.UPOL.CZ, “Lex ideals of generalized MV-algebras”

Hounnon, Hippolyte, Kaiser-Friedrich.str 134/ 436, 14469 Potsdam, Germany, hounnon@rz.uni-potsdam.de, “All presolid varieties of normal ID-semirings”

Jakubíková-Studenovská, Danica, Dept. of Geom. and Algebra, Faculty of Science, Univ. P.J.Šafarik, Jesenna 5, SK-041 54 Košice, Slovakia, studenovska@duro.science.upjs.sk, “DR-irreducibility of monounary algebras”

Kaarli, Kalle, Department of Mathematics, University of Tartu, 50090 Tartu, Estonia, kaarli@math.ut.ee, “On locally order affine complete lattices”

Kaleta, Joanna, Wydział MiNI, Politechnika Warszawska, Pl. Politechniki 1, 00-661 Warszawa, Poland, asiak@prioris.mini.pw.edu.pl, “A bi-quasiring characterization of Boolean rings”

Kirsten, Daniel, Institut für Algebra, Technische Universität Dresden, D-01062 Dresden, Germany, kirsten@math.tu-dresden.de, “Applying Semigroup Theory to Solve a Problem in Trace Theory”

Kiss, Emil, Loránd Eötvös University, Department of Algebra and Number Theory, Rákóczi út 5., H-1088 Budapest, Hungary, ewkiss@cs.elte.hu, “Rectangularity”

Klimes, Jiri, Technical University Brno, Faculty of Technology Zlin, nam. TGM 275, 762 72 ZLIN, Czech Republic, klimes@zlin.vutbr.cz, “Fixed Point Theorems”

Kovachev, Dimitar, Dept. of Computer Sciences, South-West University, 66 Ivan Michailov Blvd., 2700 Blagoevgrad, Bulgaria, dkovach@aix.swu.bg, “On the Number of Some k -valued Functions”

Kuchmei, Vladimir, Department of Mathematics, University of Tartu, 50090 Tartu, Estonia, kucmei@math.ut.ee

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Kuske, Dietrich, Institut für Algebra, TU Dresden, D-01062 Dresden, Germany, kuske@math.tu-dresden.de, “The automorphism group of the universal homogeneous countable semilattice”

Kwuida, Leonard, Kamerun, kwuida@math.tu-dresden.de

Lele, Celestin, Harbin Institute of Technology, No 6 Foreign Dormitory, Post code 150001 Harbin, China, LELE_CLELE@YAHOO.COM, “Some properties of fuzzy positive implicative ideal in BCK-algebras”

Lemin, Alex, 26 Yaroslavskoe highway, Moscow 129337, Russia, alex_lemine@hotmail.com, “Boolean Algebras Describe Ultra-metric Spaces up to Uniform Euivalence”

Lenz, Rainer, Department of Mathematics, Univ. of Kaiserslautern, 67653 Kaiserslautern, Germany, rlenz@mathematik.uni-kl.de, “Endo- and polymorphisms of finite strict orders”

Leseberg, Dieter, Pockelsstr.13, 38106 Braunschweig, Universitätsbibliothek, Germany, d.leseberg@tu-bs.de, “A new concept of nearness”

Liskovets, Valery, Institute of Mathematics, National Academy of Sciences, Surganov str. 11, 220072 Minsk, Belarus, liskov@im.bas-net.by, “Enumeration of subgroups in , the fundamental groups of certain, manifolds”

Mašulović, Dragan, Institute of Mathematics, University of Novi Sad, Trg D. Obradovića 4, 21000 Novi Sad, Yugoslavia, masul@unsim.ns.ac.yu, “On an algebra of co-relations on a finite set”

Madelaine, Florent Renaud, Dept of Maths & Comp Science, Univ of Leicester, University Road, Leicester, LE1 7RH, England, frm3@mcs.le.ac.uk

Markovski, Smile, Institut of Informatics, Faculty of Sciences p.f.162, Skopje, Macedonia, smile@pmf.ukim.edu.mk, “Groupoids orthogonal to quasigroups and their application”

Matczak, Katarzyna, Wydział MiNI, Politechnika Warszawska, Pl. Politechniki 1, 00-661 Warszawa, Poland, matczakk@pw.plock.pl, “to be announced”

McNulty, George, Department of Mathematics, University of South Carolina, Columbia, SC 29208, USA, mcnulty@math.sc.edu, “Varieties Generated by a Finite Group”

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Molchanov, Vladimir, Department of Mathematics and Physics, Pedagogical Institute of Saratov State University, Michurina 92, Saratov 410028, Russia, souslin@sgu.ssu.runnet.ru, “Nonstandard Approach to Generally Rational Languages”

Márki, László, Alfréd Rényi Institute of Mathematics, Hungarian Academy of Sciences, Pf. 127, H-1364 Budapest, Hungary, marki@renyi.hu

Niederle, Josef, Katedra algebry a geometrie, Přírodovědecká fakulta, Masarykova universita, Janáčkovo náměstí 2a, CZ - 662 95 Brno, Czech Republic, niederle@math.muni.cz, “*On pseudocomplemented and Stone ordered sets*”

Otryvankina, Tatiana, Department of Mathematics and Physics, Pedagogical Institute of Saratov State University, Michurina 92, 410028 Saratov, Russia, souslin@sgu.ssu.runnet.ru, “*Nonstandard varieties of topological algebraic automata*”

Paseka, Jan, Department of Mathematics, Faculty of Science, Masaryk University, Janackovo nam. 2a, 662 95 Brno, Czech Republic, paseka@math.muni.cz, “*Interior tensor product of Hilbert modules*”

Pech, Christian, TU Dresden, Institut für Algebra, 01062 Dresden, Germany, pech@math.tu-dresden.de

Pilitowska, Agata, Wydział MiNI, Politechnika Warszawska, Pl. Politechniki 1, 00-661 Warszawa, Poland, irbis@pol.pl, “*The lattice of varieties of some ternary modes*”

Pinus, Alexandr, Revolucii 10, kv. 15, Novosibirsk 630099, Russia, algebra@nstu.nsk.ru, “*On the scales of potentials of calculability for universal algebras*”

Ploščica, Miroslav, Mathematical Institute, Slovak Academy of Sciences, Grešákova 6, 04001 Košice, Slovakia, ploscica@saske.sk, “*Dual spaces for some congruence lattices of lattices*”

Pollandt, Silke, TU Darmstadt, FB Mathematik, AG 1, Schlossgartenstr. 7, 64289 Darmstadt, Germany, pollandt@mathematik.tu-darmstadt.de, “*An application of lattice theory in ordinal data analysis*”

Polák, Libor, Department of Mathematics, Masaryk University, Janackovo nam. 2a, 66295 Brno, Czech Republic, polak@math.muni.cz, “*A construction of the syntactic semilattice-ordered monoid of a regular language*”

Porst, Hans-E., Universität Bremen, FB 3, Postfach 330440, 28334 Bremen, Germany, porst@math.uni-bremen.de, “*Hu’s Primal Algebra Theorem Revisited*”

Pszczola, Krzysztof, Wydział MiNI, Politechnika Warszawska, Pl. Politechniki 1, 00-661 Warszawa, Poland, pszczola@mini.pw.edu.pl, “*A duality for affine spaces over finite fields*”

Pálffy, Péter P., Mathematical Institute, Budapest, Pf. 127, H-1364, Hungary, ppp@renyi.hu, “*On the isomorphism problem of Cayley graphs*”

Pöschel, Reinhard, TU Dresden, Institut f. Algebra, 01062 Dresden, Germany, poeschel@math.tu-dresden.de

Quackenbush, Bob, Department of Mathematics, University of Manitoba, Winnipeg, MB R3T 2N2, Canada, qbush@cc.umanitoba.ca, “*Representation Classes of Binary Linear Codes*”

Reinhold, Jürgen, Universität Hannover, Institut für Mathematik, Welfengarten 1, D-30167 Hannover, Germany, reinhold@math.uni-hannover.de, “*The number of finite distributive lattices*”

Repnitskii, Vladimir B., Department of Algebra and Discr.math., Ural State University, Lenina, 51, 620083, Ekaterinburg, Russia, vladimir.repnitskii@usu.ru, “*On the Representation of Monoids by O-Endomorphisms of linearly ordered Sets*”

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Romanowska, Anna, Wydział MiNI, Politechnika Warszawska, Pl. Politechniki 1, 00-661 Warszawa, Poland, aroman@alpha.mini.pw.edu.pl, “*Embedding semilattice sums of cancellative modes into semimodules*”

Rosenberg, Ivo G., mathematiques et statistiques, Université de Montreal, C.P.6128 Succ. “Centre-ville”, Montreal, Que. H3C 3J7, Canada, rosenb@DMS.Umontreal.CA, “*Local completeness*”

Roszkowska-Lech, Barbara, Wydział MiNI, Politechnika Warszawska, Pl. Politechniki 1, 00-661 Warszawa, Poland, barosz@alpha.mini.pw.edu.pl, “*On subdirectly irreducible groupoid modes*”

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Ruzicka, Pavel, A.Fusinato (room - 110), via F.Marzolo 6, Padova 35 131, Italy, (valid until the end of June), Czech Republic, ruzicka@math.unipd.it, ruzicka@csmat.karlin.mff.cuni.cz, “*Algebraic distributive lattices, dimension groups and von Neumann regular rings*”

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Šešelja, Branimir, Institute of Mathematics, University of Novi Sad, Trg Dositeja Obradovica 4, 21000 Novi Sad, Yugoslavia, seselj@unsim.ns.ac.yu, “*Posets and meet-irreducibles*”

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Skowronek-Kaziów, Joanna, Technical University of Zielona Góra, Poland, J.Skowronek@im.pz.zgora.pl, “*Matroids and contexts connected with them*”

Sokolova, Ana, Faculty of Mathematics and Natural, Sciences, Arhimedova str. 5, 91 000 Skopje, Macedonia, anas@pmf.ukim.edu.mk, “*On the groupoid identity $x(xy) = y$* ”

Sukhanov, Eugeny, Dept. of Algebra and Discrete Math., Ural State University, Lenina ave. 51, 620083 Ekaterinburg, Russia, Evgeny.Sukhanov@usu.ru, “*Algebraic and combinatorial properties of formal languages*”

Sushchansky, Vitaly, Institut of Mathematics, Silesian University of Technology, ul. Kaszubska 23, 44-100 Gliwice, Poland, Department of Mathematics, Kyiv Taras Shevchenko University, Vul. Volodymyrska 60, 003061 Kyiv, Ukraina, wsusz@zeus.polsl.gliwice.pl, “*Semigroups of Automaton Transformations*”

Suszczńska, Nina, Institut of Informatics, Silesian University of Technology, ul. Akademicka 16, PL 44-100 Gliwice, Poland, nsuszcz@star.iinf.polsl.gliwice.pl, “*On some universal algebras using in NL-semantics*”

Szabó, László, Bolyai Institute, Aradi vértanúk tere 1., H-6720 Szeged, Hungary, szabol@math.u-szeged.hu, “*Clones and weak automorphisms*”

Szylicka, Zyta, Institute of Mathematics, Technical University of Opole, Luboszycka 3, 45-036 Opole, Poland, zszyl@polo.po.opole.pl, “*Subdirectly irreducible generalized sums*”

Tůma, Jiří, KA MFF UK, Sokolovska 83, 186 00 Praha 8, Czech Republic, tuma@karlin.mff.cuni.cz, “*Unsolvable one-dimensional lifting problems for congruence lattices of lattices*”

Tasić, Boža, Institute of Mathematics, University of Novi Sad, Trg D. Obradovića 4, 21000 Novi Sad, Yugoslavia, tasic@unsim.ns.ac.yu, “*A note on quasivarieties*”

Tepavčević, Andreja, Institute of Mathematics, University of Novi Sad, Trg Dositeja Obradovica 4, 21000 Novi Sad, Yugoslavia, etepavce@eunet.yu, “*Partial closure operators*”

Tholen, Walter, Department of Mathematics and Statistics, York University, 4700 Keele Street, Toronto, Ontario, M3J 1P3, Canada, tholen@pascal.math.yorku.ca, “*Some recent categorical developments useful for universal algebraists*”

Tieudjo, Daniel, Ivanovo State University, Faculty of Mathematics, 153025 Ivanovo 25, Mal'cev Str. 46, Hostel 4, Room 518, Russia, tieudjo@ivanovo.ac.ru, “*A classification of the varieties of rings*”

Todorov, Kalco, 66 Ivan Mihailov str., South West University Blagoevgrad, 2700 Blagoevgrad, Bulgaria, kjt@bas.bg, “*On some algebras of N -generated quaternion groups*”

Tonga, Marcel, Department of Mathematics, Faculty of Science, University of Yaounde-1, P.O.Box 812 Yaounde, Cameroon, mtonga@uycdc.uninet.cm, “*Strong congruences and Mal'cev conditions on first order structures*”

Valeriote, Matt, Department of Mathematics & Statistics, McMaster University, Hamilton, Ontario, L9H 5E3, Canada, matt@math.mcmaster.ca, “*On Finitely Decidable Varieties*”

Vanžurová, Alena, Dept. of algebra and geometry, Fac. Sci., Palacký University, Tomkova 40, 779 00 Olomouc, Czech Republic, vanzurov@risc.upol.cz, “*Generalized diagonal algebras and rectangular algebras*”

Vernitski, Alexei, Department of Mathematics, University of Essex, Colchester, CO4 3SQ, United Kingdom, javabloke@workmail.com, “*MathCaffeine: the web-based library of algebraic definitions and results*”

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Vojtěchovský, Petr, 400 Carver Hall, Ames, IA, 50011, USA, petr@iastate.edu, “*Generators for finite simple Moufang loops*”

Volkov, Mikhail, Department of Mathematics and Mechanics, Ural State University, Lenina 51, 620083 Ekaterinburg, Russia, Mikhail.Volkov@usu.ru, “*A polynomially computable idempotent in the kernel of the free profinite semigroup*”

Voss, Heinz-Juergen, TU Dresden, Fachrichtung Mathematik, Institut für Algebra, Mommsenstr. 13, 1062 Dresden, Germany, voss@math.tu-dresden.de, “*Groups, Sachs Triangulations and Regular Maps*”

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Wehrung, Friedrich, Université de Caen, Campus 2, Département de Mathématiques, BP 5186, 14032 Caen cedex, France, wehrung@math.unicaen.fr, “*Proof of 1-dimensional congruence lattice problem for distributive lattices*”

Wille, Rudolf, Darmstadt, Germany, wille@mathematik.tu-darmstadt.de, “*Boolean Concept Logic*”

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Zádori, László, Bolyai Institute, Aradi Vertanuk Tere 1., H-6720 Szeged, Hungary, zadori@math.u-szeged.hu, “*The complexity of the extendibility problem for finite posets*”

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