AAA76 – Preliminary Schedule of Lectures

Friday, May 23rd, 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.

	Lecture Hall HS 2 Chair: Peter Mayr		
9:00 - 9:50	**Andrzej Kisielewicz** Some EH-problems (Easy to state, Hard to solve)		

	Lecture Hall HS 3 Chair: Eszter K. Horváth	**Lecture Hall HS 4** Chair: Libor Barto	**Lecture Hall HS 5** Chair: Zdenka Riečanová
10:00 - 10:30	**Dana Šalounová** Fuzzy filters of pseudo BL-algebras and their generalizations	**Karsten Schölzel** A criterion for partial Sheffer functions in 4-valued logic	**Gábor Czédli** On the variety generated by planar modular lattices
10:30 - 11:00	**Jiří Rachůnek** Filter theory of commutative Rl-monoids	**Miguel Couceiro** Describing join-irreducible Boolean functions via their hypergraphs	**Ivan Chajda** Homomorphisms of directed posets
11:00 - 11:30	Coffee break		
11:30 - 12:00	**Sergejs Solovjovs** Categorical frameworks for the notions of sobriety and spatiality	**Georg Regensburger** The algebra of integro-differential polynomials	**Danica Jakubíková-Studenovská** Lattice of quasiorders of monounary algebras
12:00 - 12:30	**Celestin Lele** Foldeness of fuzzy filters in BL-algebras	**Miroslav Ploščica** Lifting diagrams by congruence lattices	**Jan Gałuszka** Lattices of classes of groupoids with one-sided quasigroup conditions

AAA76 – Preliminary Schedule of Lectures

Friday, May 23rd, Afternoon

	Lecture Hall HS 2		
	Chair: Pavel Růžička		
14:30 - 15:20	**Emil W. Kiss** An application of the ring of integer quaternions		

	Lecture Hall HS 3	Lecture Hall HS 4	Lecture Hall HS 5
	Chair: Jiří Rachůnek	Chair: Günther Eigenthaler	Chair: Miroslav Ploščica
15:30 - 16:00	**Rudolf Wille** Conceptual knowledge processing in practice	**Franz Pichler** Generalization of the Massey-Berlekamp algorithm for vector-valued pseudo random sequences	**Radomir Halaš** On the variety generated by pseudo-BCK-algebras
16:00 - 16:30	**Susanne Saminger-Platz** On extensions of monotone commutative monoids on bounded lattices	**Josef Schicho** A fast algorithm for rational normal curves	**Jan Kühr** Cantor-Bernstein theorem in bounded pseudo-BCK-algebras
16:30 - 17:00	Coffee break		
17:00 - 17:30	**Michiro Kondo** Fuzzy congruences on groups	**David Stanovský** Automated reasoning in algebra	**Tatjana Plotkin** Composition and decomposition of linear automata. Algebraic view
17:30 - 18:00	**Hassan Naraghi** Permutable and mutually permutable on fuzzy groups	**Günter Pilz** Applications of near-rings to agricultural experiments	**Anna Mućka** A one-sorted representation of fibered automata
18:00 - 18:30	**Hossein Naraghi** On fuzzy subgroups of finite p-groups		
19:00	Reception in Repräsentationsraum A (above the Mensa)		

AAA76 – Preliminary Schedule of Lectures

Saturday, May 24th, Morning

	Lecture Hall HS 2 Chair: Ivan Chajda		
9:00 - 9:50	**Csaba Szabó** The free spectra of semigroup varieties		

	Lecture Hall HS 3 Chair: Paolo Lipparini	**Lecture Hall HS 4** Chair: Winfried B. Müller	**Lecture Hall HS 5** Chair: Klaus Denecke
10:00 - 10:30	**Kamilla Kátai-Urbán** The free spectra of semigroup varieties - simple semigroups	**Gerhard Wendt** Near-rings whose units act fixedpointfree	**Armenak S. Gasparyan** Some Generalizations of Bose-Mesner Algebras
10:30 - 11:00	**Keith Kearnes** Residually finite varieties	**Mihai Chiş** On the autocommutator subgroup	**David Kruml** Lindenbaum quantales on distinguished substructural logics
11:00 - 11:30	Coffee break		
11:30 - 12:00	**Boris Plotkin** Geometrical and logical invariants of algebras and varieties	**Codruţa Chiş** Arithmetical properties of the orders of the centralizers in a finite group	**Tim Boykett** A coloured unique path problem as model for rectangular groupoids
12:00 - 12:30	**Tomasz Brengos** On connected quasi-covarieties and the $HS = SH$ problem for coalgebras	**Mikhail Klin** A combinatorial approach to transitive extensions of generously unitransitive permutation groups	**Erhard Aichinger** An instance of the clone membership problem

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Saturday, May 24th, Afternoon

	Lecture Hall HS 2 Chair: Paweł Idziak		
14:30 - 15:20	**Miklós Maróti** Bounded relational width and congruence distributivity		

	Lecture Hall HS 3 Chair: Christian Pech	**Lecture Hall HS 4** Chair: Martin Goldstern	**Lecture Hall HS 5** Chair: Danica Jakubíková-Studenovská
15:30 - 16:00	**Libor Barto** CSP and NU(4)	**Jānis Cīrulis** On locally finite Menger algebras	**Zdenka Riečanová** Existence and smearing theorem of states on atomic lattice effect algebras
16:00 - 16:30	**Michal Botur** Commutative basic algebras	**Lauri Tart** Convexity and coconvexity for S-posets	**Jan Paseka** Compactly generated Archimedean atomic lattice effect algebras
16:30 - 17:00	Coffee break		
17:00 - 17:30	**Miroslav Kolařík** Monadic basic algebras	**Přemysl Jedlička** An invariant for left distributivity and idempotency	**Aditya Nagrath** A Stone-type duality for meet semilattices

	Lecture Hall HS 2 Klaus Denecke and Reinhard Pöschel		
17:30 - 18:15	**In memoriam Hans-Jürgen Hoehnke** (27.10.1925 - 10.6.2007)		

AAA76 – Preliminary Schedule of Lectures

Sunday, May 25th, Morning

	Lecture Hall HS 2 Chair: Miguel Couceiro		
9:00 - 9:50	**Ágnes Szendrei** From groups to parallelogram algebras		

	Lecture Hall HS 3 Chair: David Stanovský	**Lecture Hall HS 4** Chair: Rudolf Wille	**Lecture Hall HS 5** Chair: Gábor Czédli
10:00 - 10:30	**Kalle Kaarli** On endoprimality of varieties	**Dragan Mašulović** Towards the characterization of finite homomorphism-homogeneous digraphs	**Tiang Poomsa-ard** Biregular leftmost graph varieties of type (2,0)
10:30 - 11:00	**Nebojša Mudrinski** Two problems for nilpotent - supernilpotent algebras	**Gabriella Pluhár** Islands on a triangular grid	**Apinant Anantpinitwatna** Identities in biregular leftmost graph varieties of type (2,0)
11:00 - 11:30	Coffee break		

11:30 - 12:00	**Reinhard Pöschel** Clones of entropic algebras with unit	**Helmut Länger** A Cayley Theorem for algebras with binary and nullary operations	**Amporn Anantpinitwatna** Hyperidentities in biregular leftmost graph varieties of type (2,0)
12:00 - 12:30	**Peter Mayr** Polynomial functions on subdirect products	**Yuri Movsisyan** Binary representations of algebras with at most two binary operations. A Cayley Theorem for distributive lattices	**Klaus Denecke** The Dimension of a Kernel and the Semantical Kernel of a Hypersubstitution

	Lecture Hall HS 2 Chair: Günter Pilz		
12:30 - 12:45	**Reinhard Pöschel** Announcements		