

## Programme of the AAA 86, May 30 – June 2, 2013, Olomouc

### Thursday, May 30

16.00–18.00 Registration

### Friday, May 31

7.30–9.00 Registration

	5.007	Chair: I. Chajda
8.50–9.00	<b>Opening</b>	
9.05–10.00	<b>R. Bělohávek</b> <i>Factorization of matrices with Boolean and ordinal data</i>	
10.00–10.30	Coffee break	
	5.007	Chair: P. Jedlička
10.30–11.00	<b>D. Jakubíková-Studenovská</b> <i>Homomorphism quasiorder of monounary algebras and slope sequences</i>	5.006
		Chair: K. Kaarli
11.10–11.40	<b>S. Radeleczki</b> <i>Tolerances induced by irredundant covering</i>	<b>J. Cirulis</b> <i>Lattice operations on Rickart *-rings under the star ordering</i>
11.50–12.20	<b>S. Solovjovs</b> <i>On monoidal nuclei</i>	<b>E. Lehtonen</b> <i>Reconstructing functions from identification minors</i>
12.20–14.00	Lunch break	
	5.007	Chair: D. Jakubíková-Studenovská
14.00–14.50	<b>C. Szabó</b> <i>Finitary aspects of the random poset and its retracts</i>	
	5.007	Chair: J. Koppitz
15.00–15.40	<b>M. Haviar</b> <i>Canonical extensions of lattices</i>	
15.40–16.00	Coffee break	
	5.007	Chair: E. Graczyńska
16.00–16.30	<b>E. Aichinger</b> <i>On function compositions that are polynomials</i>	5.006
		Chair: J. Kaleta
16.35–17.05	<b>A. Dvurečenskij</b> <i>Lexicographic products and <math>n</math>-perfect pseudo effect algebras</i>	<b>M. Kondo</b> <i>Characterization of monadic residuated lattices</i>
17.10–17.40	<b>P. Žáček</b> <i>States on effect algebras</i>	<b>Z. Svoboda</b> <i>Interior and closure operators on bounded residuated lattices</i>
		<b>M. Korbelař</b> <i>Additively divisible commutative semirings: the 1-generated case</i>

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Saturday, June 1

	5.007	Chair: R. Pöschel
9.00–9.50	<b>S. Kerkhoff</b> <i>Doing clone theory in categories – what might that be good for?</i>	
9.50–10.10	Coffee break	
	5.007	Chair: C. Szabó
10.10–10.40	<b>J. Koppitz</b> <i>Semigroups satisfying <math>x = x^3</math></i>	5.006
		Chair: S. Radeleczki
10.10–10.40	<b>J. Koppitz</b> <i>Semigroups satisfying <math>x = x^3</math></i>	<b>J. Paseka</b> <i>The completeness of Łukasiewicz logic</i>
10.50–11.20	<b>B. Šešelja</b> <i>Lattice valued identities; applications to semigroups</i>	<b>A. Pinus</b> <i>Some applications of infinitary logical languages in universal algebra</i>
11.30–12.00	<b>E. Graczyńska</b> <i>EIS for dependence spaces</i>	<b>J. Farley</b> <i>Can we solve Ivo Rosenberg's 1981 Banff conference question about posets whose width equals that of their lattice of order ideals?</i>
12.10–12.30	<b>A. Tepavčević</b> <i>Lattice induced threshold functions and representations by cuts</i>	<b>D. Phusanga</b> <i>Extended clones of quantifier free formulas</i>
12.30–14.00	Lunch break	
	5.007	Chair: B. Šešelja
14.00–14.50	<b>D. Stanovský</b> <i>Quandles and transitive groups</i>	
	5.007	Chair: Z. Riečanová
15.00–15.25	<b>R. Pöschel</b> <i>Symmetry groups of Boolean functions and how several Galois connections (and their Galois closures) come into play</i>	5.006
		Chair: M. Kolařík
15.00–15.25	<b>R. Pöschel</b> <i>Symmetry groups of Boolean functions and how several Galois connections (and their Galois closures) come into play</i>	<b>H. Länger</b> <i>A non-associative generalization of effect algebras</i>
15.30–15.50	<b>J. Kaleta</b> <i>2-generated finite abelian groups with involution</i>	<b>A. Jende</b> <i>Coregular semigroups and the Sylow <math>p</math>-subgroups of <math>S_n</math></i>
15.50–16.10	Coffee break	
16.10–16.30	<b>J. Janda</b> <i>Extensions of ordered sets of states from effect algebras onto their McNeille completions</i>	<b>G. Bińczak</b> <i>On some generalization of rank of elements in abelian groups with involution to general case</i>
16.35–17.05	<b>M. Behrisch</b> <i>Relational structure theory – localizing algebras and beyond</i>	<b>D. Kruml</b> <i>Residuated structures on open projections</i>

18.00–22.00(?) Conference dinner at the open air restaurant Michalský výpad (under roof)

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**Sunday, June 2**

	5.007	Chair: G. Eigenthaler
9.00–9.50	<b>G. Dorfer</b> <i>The fundamental group of fractal sets – order theoretical aspects</i>	
9.50–10.10	Coffee break	
	5.007	Chair: J. Paseka
		5.006
		Chair: G. Bińczak
10.10–10.40	<b>W. Bentz</b> <i>The effect of nilpotence on the dualizability of an algebra</i>	<b>P. Jedlička</b> <i>Nuclear semidirect products of commutative A-loops</i>
10.50–11.15	<b>M. Hrbek</b> <i>Weak bases of modules</i>	<b>J. Opršal</b> <i>Existence spectrum of distributive Mendelsohn triple system</i>
11.20–11.40	<b>F. M. Schneider</b> <i>Chaotic actions of topological semigroups</i>	<b>A. Kazda</b> <i>Absorbing elements and where to find them</i>
11.45	Closing of the conference	