Conference on
Universal Algebra and Lattice Theory

Dedicated to the 80th birthday of Béla Csákány

June 21–25, 2012, Szeged, Hungary

THURSDAY, June 21

	Lecture Hall No. 103	Lecture Hall No. 217
	Lecture Hall No. 103	
10:00–10:10	Opening	
	Chairperson: **Tamás Waldhauser**	
10:10–11:00	**Reinhard Pöschel** *Clones and Galois connections*	
	Lecture Hall No. 103	Lecture Hall No. 217
	Chairperson: **Tamás Waldhauser**	Chairperson: **László Zádori**
11:10–11:30	**Karsten Schölzel** *The minimal clones generated by semiprojections on a four-element set*	**Anna Zamojska-Dzienio** *Semilattice ordered algebras I – Free algebras*
11:40–12:00	**Edith M. Vargas García** *Which maximal clones can be maximal C-clones*	**Agata Pilitowska** *Semilattice ordered algebras II – The lattice of subvarieties*
12:10–14:00	Lunch Break	
	Lecture Hall No. 103	
	Chairperson: **Gábor Czédli**	
14:00–14:50	**George Grätzer** *Sectionally complemented lattices*	
15:00–15:30	Coffee Break	
	Lecture Hall No. 103	Lecture Hall No. 217
	Chairperson: **Gábor Czédli**	Chairperson: **Eszter K. Horváth**
15:30–15:50	**Miroslav Ploščica** *Congruence FD-maximal varieties*	**Simion Breaz** *Direct products and homomorphisms*
16:00–16:20	**Clifford Bergman** *Fully invariant and verbal congruences*	
16:30–16:50	**Anvar Nurakunov** *Remark on axiomatizable classes closed under subdirect products*	

FRIDAY, June 22

	Lecture Hall No. 103
	Chairperson: Csaba Szabó
9:00–9:50	**Ágnes Szendrei** *Clones with finitely many relative R-classes*
9:55–10:15	**Jelena Čolić** *On the lattice of clones of incompletely specified operations*
10:20–10:40	**Marcel Erné** *Screens – a missing link between lattices and finite posets*
10:45–11:15	Coffee Break
	Chairperson: Radomír Halaš
11:15–11:35	**Anna Romanowska** *Algebraic closure of generalized convex sets*
11:40–12:00	**András Pongrácz** and **Csaba Szabó** *A new operation on finite partially ordered sets inherited from the random poset*
12:05–12:25	**Michał Stronkowski** *Embedding entropic algebras into modules*
15:00–17:00	Excursion
19:00–	Banquet

SATURDAY, June 23

	Lecture Hall No. 103	
	Chairperson: Petar Marković	
9:00–9:50	**Kira Adaricheva** *Effective bases of finite closure systems*	

10:00–10:30	Coffee Break	

	Lecture Hall No. 103	Lecture Hall No. 110
	Chairperson: Ivan Chajda	**Chairperson: Keith Kearnes**
10:30–10:50	**Joanna Grygiel** *On the tolerance lattice of tolerance factors I*	**Miguel Campercholi** *Implicit definition of the quaternary discriminator*
11:00–11:20	**Sándor Radeleczki** *On the tolerance lattice of tolerance factors II*	**Jelena Jovanović** *Strong Malcev conditions implying congruence meet-semidistributivity*
11:30–11:50	**Katarzyna Grygiel** *Lattices being blocks of skeleton tolerances*	**Alexandr Kazda** *Absorption and reflexive digraphs*

12:00–14:00	Lunch Break	

	Lecture Hall No. 103	
	Chairperson: George McNulty	
14:00–14:50	**Ralph McKenzie** *Malcev families of quasivarieties closed under join or Malcev product*	

15:00–15:30	Coffee Break	

	Lecture Hall No. 103	Lecture Hall No. 110
	Chairperson: Rozália Madarász	**Chairperson: Péter P. Pálfy**
15:30–15:50	**I. Chajda**, **G. Czédli** and **R. Halaš** *Tolerance factorable varieties and four ways B. Csákány influenced their study*	**Hajime Machida** *Minimal clones and maximal centralizing monoids*
16:00–16:20	**G. Czédli** and **Emil W. Kiss** *Congruence preimages of tolerances and four ways B. Csákány influenced their study*	**Laszlo Major** *On the unimodality of rank numbers in face lattices of certain polytopes*

SUNDAY, June 24

	LECTURE HALL NO. 103	
	CHAIRPERSON: **László Márki**	
9:00–9:50	**Ross Willard** *Proving inconsistency: towards a better Maltsev CSP algorithm*	

10:00–10:30	COFFEE BREAK

	LECTURE HALL NO. 103	LECTURE HALL NO. 110
	CHAIRPERSON: **Mike Behrisch**	CHAIRPERSON: **Russ Woodroofe**
10:30–10:50	**Alexander Popovich** *Representation of distributive spatial lattices by congruence lattices of grupoids*	**Zoltan Szekely** *Equational complexity of graph algebras*
11:00–11:20	**Gábor Horváth** *Solving functional equations with algebra*	**George McNulty** *The minimal variety problem is NP-hard*
11:30–11:50	**Cosmin Pelea** *Term functions in multialgebra theory*	**Jakub Bulín** *Algebraic reduction of CSP to digraphs*

12:00–14:00	LUNCH BREAK

	LECTURE HALL NO. 103	
	CHAIRPERSON: **Clifford Bergman**	
14:00–14:50	**Ralph Freese** *Maltsev conditions*	

15:00–15:30	COFFEE BREAK

	LECTURE HALL NO. 103	LECTURE HALL NO. 110
	CHAIRPERSON: **Reinhard Pöschel**	CHAIRPERSON: **Miroslav Ploščica**
15:30–15:50	**Branimir Šešelja** *Lattice-valued identities and equational classes*	**G. Czédli**, **T. Dékány**, **L. Ozsvárt**, **N. Szakács** and **B. Udvari** *On the number of slim semimodular lattices*
16:00–16:20	**Russ Woodroofe** *Modular and maximal chains in the subgroup lattice of a finite group*	**Vanja Stepanović** *On derived weak congruence representability*
16:30–16:50	**Stephan Foldes** *Remarks on chains and antichains*	

MONDAY, June 25

	LECTURE HALL No. 103
	CHAIRPERSON: **Hajime Machida**
9:00–9:50	**Dmitriy Zhuk** *On the lattice of clones on three elements*

9:55–10:25	COFFEE BREAK

	CHAIRPERSON: **Branimir Šešelja**
10:25–10:45	**Miklós Hartmann** *On axiomatisability questions about monoid acts*
10:50–11:10	**Mike Behrisch** *Characterising categorical equivalence of finite semigroups*
11:15–12:05	**Libor Barto** *The Valeriote conjecture*

12:10–12:20	CLOSING