

Sunday, August 16

14:00 – 21:00 Registration (Room 16)

Monday, August 17 - Morning

8:30 – 9:30 Registration (Room 16)

| | Amphitheatre I | Amphitheatre V | Amphitheatre VII |
|---------------|---|-----------------------|-------------------------|
| 9:30 – 9:40 | Opening ceremony SESSION 1 (Chair: P. Marković) | | |
| 9:40 – 10:30 | Ralph N. McKenzie: <i>A survey of recent work in algebra applied to the study of constraint satisfaction problems</i> | | |
| 10:40 – 11:10 | COFFEE BREAK | | |
| 11:10 – 12:00 | Jaroslav Nešetřil: <i>Restricted dualities</i> | | |

Monday, August 17 - Afternoon

| | Amphitheatre I | Amphitheatre V | Amphitheatre VII |
|---------------|--|---|---|
| | SESSION 2A (Chair: K.A.Kearnes) | | |
| 14:30 – 15:20 | Friedrich Wehrung: <i>From lifting objects to lifting diagrams: Recent progress on larders and CLL</i> | | SESSION 2B (Chair: M.Goldstern) |
| 15:30 – 15:50 | Andrei Bulatov: <i>CSPs of bounded width and checking for type 2</i> | | Andreja Tepavčević: <i>Poset valued ideals and filters</i> |
| 15:55 – 16:15 | Ross Willard: <i>pp-definability is NEXPTIME-complete</i> | | Branimir Šešelja: <i>Weak congruence lattice representation problem</i> |
| 16:20 – 16:50 | COFFEE BREAK | | |
| | SESSION 3A (Chair: M.Maróti) | SESSION 3B (Chair: M.V.Volkov) | SESSION 3C (Chair: B.Šešelja) |
| 16:50 – 17:10 | Petar Marković: <i>Some new tractable cases of the CSP</i> | Peter G. Trotter: <i>A structure and cardinality preserving embedding of semigroups into regular semigroups</i> | Branka Budimirović: <i>Lattice valued c-subgroups</i> |
| 17:15 – 17:35 | Matthew Nickodemus: <i>CSPs over small templates</i> | Mária B. Szendrei: <i>E-solid locally inverse semigroups</i> | João Pita Costa: <i>On parallelogram laws for skew lattices</i> |
| 17:40 – 18:00 | Erhard Aichinger: <i>Commutator-equivalent algebras</i> | Arye Juhász: <i>Solution of the word problem in certain inverse monoids</i> | |
| 18:05 – 18:25 | Jiří Tůma: <i>Intervals in subgroup lattices of locally finite groups</i> | Akihiro Yamamura: <i>Word problem of amalgamated free products of commutative inverse semigroups</i> | |
| 18:30 – 18:50 | Vladimir Božin: <i>Structure of finite lattices and Frankl's Conjecture counterexample</i> | Eugenia A. Kochubinska: <i>Non-isomorphic $R(L)$-cross-sections of the partial wreath product of finite symmetric inverse semigroups</i> | |

Tuesday, August 18 - Morning

| | Amphitheatre I | Amphitheatre V | Amphitheatre VII |
|---------------|--|-----------------------|-------------------------|
| | SESSION 4 (Chair: I.Dolinka) | | |
| 9:00 – 9:50 | Keith A. Kearnes: <i>Free spectra of intermediate growth</i> | | |
| 10:00 – 10:50 | Mikhail V. Volkov: <i>The finite basis problem for Kauffman monoids</i> | | |
| 11:00 – 11:30 | COFFEE BREAK | | |
| 11:30 – 12:20 | Mark V. Sapir: <i>Algorithmic, asymptotic and geometric properties of groups</i> | | |

Tuesday, August 18 - Afternoon

| | Amphitheatre I | Amphitheatre V | Amphitheatre VII |
|---------------|---|---|-------------------------|
| | SESSION 5A (Chair: M.Valeriote) | | |
| 14:30 – 15:20 | Marcin Kozik: <i>Absorbing subuniverses</i> | SESSION 5B (Chair: V.Dalmau) | |
| 15:30 – 15:50 | Alexandr Kazda: <i>Möbius number systems</i> | Miroslav Ploščica: <i>On congruence lattices of some lattices</i> | |
| 15:55 – 16:15 | Ágnes Szendrei: <i>Clones near the top of the clone lattice</i> | Tim Boykett: <i>Polynomials over lattices</i> | |

18:30 Departure of the buses to the conference dinner (parking lot of the Faculty of Science, Department of Biology)

19:00 Conference dinner at the *Salaš 137* ethno-restaurant, with musical accompaniment by the *Ravnica* quintet

Wednesday, August 19 - Morning

| | Amphitheatre I | Amphitheatre V | Amphitheatre VII |
|---------------|--|-----------------------|-------------------------|
| | SESSION 6 (Chair: Á.Szendrei) | | |
| 9:00 – 9:50 | Martin Goldstern: <i>Global clones from local clones</i> | | |
| 10:00 – 10:50 | Alexander Yu. Olshanskii: <i>Actions of maximal growth</i> | | |
| 11:00 – 11:30 | COFFEE BREAK | | |
| 11:30 – 12:20 | Marcel G. Jackson: <i>A remarkable technique in finite semigroups, and its application to the algebra of relations</i> | | |

Wednesday, August 19 - Afternoon

| | Amphitheatre I | Amphitheatre V | Amphitheatre VII |
|---------------|--|---|---|
| | SESSION 7A (Chair: R.N.Mckenzie) | SESSION 7B (Chair: F.Wehrung) | SESSION 7C (Chair: N.R.Reilly) |
| 15:00 – 15:20 | Michał Stronkowski: <i>Abelianess implies quasi-affiness revisited</i> | Pierre Gillibert: <i>An infinite combinatorial statement with a poset parameter</i> | Napaporn Sarasit: <i>Semigroups of tree languages</i> |
| 15:25 – 15:45 | Catarina A. Carvalho: <i>Complexity of list homomorphism problems for reflexive digraphs</i> | Gábor Czédli: <i>Modular fractal lattices and von Neumann frames</i> | Somnuek Worawiset: <i>Regular endomorphisms of some strong semilattices of semigroups</i> |
| 15:50 – 16:10 | Jakub Bulín: <i>CSP dichotomy for special polyads</i> | Benedek Skublics: <i>Matrices in modular lattices</i> | Irena Stojmenovska: <i>Reductions for presentations of (n,m)-semigroups induced by reductions for presentations of binary semigroups</i> |
| 16:15 – 16:35 | Dejan Delić: <i>Oriented trees of bounded width</i> | Eszter K. Horváth: <i>Islands</i> | Žarko Popović: <i>A note on Lallement's lemma</i> |
| 16:40 – 17:10 | COFFEE BREAK | | |
| | SESSION 8A (Chair: M.G.Jackson) | SESSION 8B (Chair: S.Crvenković) | |
| 17:10 – 17:30 | Erkko Lehtonen: <i>Clones of Boolean clique functions and hypergraph homomorphisms</i> | Grzegorz Bińczak: <i>Abelian groups with involution I</i> | |
| 17:35 – 17:55 | Sebastian Kerkhoff: <i>On the generation of clones containing near-unanimity operations</i> | Joanna Kaleta: <i>Abelian groups with involution II</i> | |
| 18:00 – 18:20 | Reinhard Pöschel: <i>Compatible quasiorders of (monounary acyclic) algebras</i> | Tiwadee Musunthia: <i>Classification of varieties by lattices</i> | |

Thursday, August 20 - Morning

| | Amphitheatre I | Amphitheatre V | Amphitheatre VII |
|---------------|---|-----------------------|-------------------------|
| | SESSION 9 (Chair: G.Czédli) | | |
| 9:00 – 9:50 | Norman R. Reilly: <i>A graphical approach to free objects in Rees-Sushkevich varieties</i> | | |
| 10:00 – 10:50 | Matthew Valeriote: <i>On the complexity of equivalence and isomorphism of primitive positive formulas</i> | | |
| 11:00 – 11:30 | COFFEE BREAK | | |
| 11:30 – 12:20 | Libor Barto: <i>Prague strategies</i> | | |

Thursday, August 20 - Afternoon

| | Amphitheatre I | Amphitheatre V | Amphitheatre VII |
|---------------|--|---|---|
| | SESSION 10A (Chair: M.V.Sapir) | SESSION 10B (Chair: D.Mašulović) | |
| 15:00 – 15:20 | Igor Dolinka: <i>(I)NFB results for finite unary semigroups</i> | Aleksandar Krapež: <i>Quasigroup functional equations and graphs</i> | SESSION 10C (Chair: R.Pöschel) |
| 15:25 – 15:45 | Alexander L. Popovich: <i>On the representation of lattices by congruence lattices of semigroups</i> | Vladimir Baltić: <i>Various methods for counting the number of restricted permutations</i> | Jovanka Pantović: <i>On maximal hyperclones on a finite set</i> |
| 15:50 – 16:10 | Jörg Koppitz: <i>The structure of the ideals of O_n</i> | Milan Bašić: <i>Recent results and applications of integral circulant graphs</i> | Hajime Machida: <i>Some endoprimal monoids on a three-element set</i> |
| 16:15 – 16:35 | Michael Pinsker: <i>Structure in mappings on the random graph</i> | | Vladimir Kuchmei: <i>Compatible functions on semilattices</i> |
| 16:40 – 17:10 | COFFEE BREAK | | |
| | SESSION 11A (Chair: J.Nešetřil) | SESSION 11B (Chair: O.B.Sapir) | SESSION 11C (Chair: M.Kozik) |
| 17:10 – 17:30 | Dragan Mašulović: <i>Endomorphism monoids of countable homomorphism-homogeneous relational systems</i> | Aleksandar Stamenković: <i>Fuzzy automata: State reduction methods</i> | Aleksander Ivanov: <i>Categorical nilpotent QE-groups and computability</i> |
| 17:35 – 17:55 | Rajko Nenadov: <i>On finite homomorphism-homogeneous binary relational systems</i> | Nada Damljanović: <i>Fuzzy and weighted automata: Bisimulation and structural equivalence</i> | Miodrag Kapetanović: <i>A sufficient condition for quantifier elimination applicable to algebra</i> |
| 18:00 – 18:20 | Maja Pech: <i>Endolocality and homomorphism-homogeneous relational structures I</i> | Zorana Jančić: <i>Fuzzy and weighted automata: Determinization methods</i> | Predrag Tanović: <i>Strongly regular types</i> |
| 18:25 – 18:45 | Christian Pech: <i>Endolocality and homomorphism-homogeneous relational structures II (an exploration)</i> | Ivana Jančić: <i>Fuzzy network analysis: Regular fuzzy equivalences and bisimulation</i> | Miloš Kurilić: <i>Property (\hbar) and cellularity of complete Boolean algebras</i> |

Friday, August 21 - Morning

| | Amphitheatre I | Amphitheatre V | Amphitheatre VII |
|---------------|--|-----------------------|-------------------------|
| | SESSION 12 (Chair: M.B.Szendrei) | | |
| 9:00 – 9:50 | Victor Dalmau: <i>Constraint Satisfaction and linear width</i> | | |
| 10:00 – 10:50 | Edmond W. H. Lee: <i>Limit varieties generated by completely 0-simple semigroups</i> | | |
| 11:00 – 11:30 | COFFEE BREAK | | |
| 11:30 – 12:20 | Olga B. Sapir: <i>Finitely generated permutative varieties</i> | | |
| 12:30 – 12:40 | Closing | | |