

# AAA102 – 102nd Workshop on General Algebra

June 24–26, 2022, Szeged, Hungary

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## PRESENTATIONS

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### INVITED TALKS

**Zarathustra Brady**

Massachusetts Institute of Technology, MA, USA

*Rounding rules and vague solutions to bounded width CSPs*

**Luís Oliveira**

University of Porto, Portugal

*Regular semigroups weakly generated by idempotents*

**Friedrich Martin Schneider**

Technische Universität Bergakademie Freiberg, Germany

*Dynamics of von Neumann's continuous geometries*

**Ágnes Szendrei**

University of Colorado Boulder, CO, USA

*A Characterization of the Commutator in Varieties with a Difference Term*

### CONTRIBUTED TALKS

**Erhard Aichinger**

Johannes Kepler University Linz, Austria

*Finite representation of higher commutators*

**Mike Behrisch**

Technische Universität Wien/Johannes Kepler University Linz, Austria

*On equationally additive clones*

**Bertalan Bodor**

Charles University Prague, Czech Republic

*CSPs over structures with slow unlabelled growth*

**Gergő Gyenizse**

University of Szeged, Hungary

*Lattice medians*

**Michael Kompatscher**

Charles University Prague, Czech Republic

*Finitely based 2-nilpotent Maltsev algebras*

**Ganna Kudryavtseva**

University of Ljubljana, Slovenia

*Proper Ehresmann semigroups*

**Ádám Kunos**

University of Szeged, Hungary

*On the substructure ordering of finite directed graphs: definability and automorphisms*

**Erkko Lehtonen**

Universidade Nova de Lisboa, Portugal

*On clonoids of Boolean functions*

**Petar Marković**

University of Novi Sad, Serbia

*On the Constraint Satisfaction over SMB algebras*

**Peter Mayr**

University of Colorado Boulder, CO, USA

*Supernilpotent reducts of nilpotent algebras*

**Tomáš Nagy**

Technische Universität Wien, Austria

*Between heaven and hell: The Bodirsky–Pinsker conjecture for hypergraphs*

**Péter Pál Pálffy**

Alfréd Rényi Institute of Mathematics, Hungary

*Commutative conservative clones*

**Bojana Pantić**

University of Novi Sad, Serbia

*Model theoretic properties of similarity spaces*

**Reinhard Pöschel**

Technische Universität Dresden, Germany

*Generalized quasiorders and a challenging problem*

**Sándor Radeleczki**

University of Miskolc, Hungary

*Atoms and dual atoms of the lattice of residuated mappings*

**Jelena Radović**

University of East Sarajevo, Bosnia and Herzegovina/University of Novi Sad, Serbia

*Commutators in Rees matrix semigroups*

**Naqeeb ur Rehman**

Allama Iqbal Open University, Islamabad, Pakistan

*Cellular Automata on Racks*

**Žaneta Semanišínová**

Technische Universität Dresden, Germany

*Constraint Satisfaction Problems of First-Order Expansions of Algebraic Products*

**Branimir Šešelja**

University of Novi Sad, Serbia

*Lattice isomorphism of groups*

**Filippo Spaggiari**

Charles University Prague, Czech Republic

*Mutually normalizing regular subgroups of the holomorph of  $C_p^n$*

**David Stanovský**

Charles University Prague, Czech Republic

*Supernilpotent loops*

**Florian Starke**

Technische Universität Dresden, Germany

*The smallest hard Trees*

**Endre Tóth**

University of Szeged, Hungary

*Polymorphism-homogeneous groupoids on the three-element set*

**Albert Vucaj**

Technische Universität Wien, Austria

*Clones on 3 elements: A New Hope (part II)*

**Kristo Väljako**

University of Tartu, Republic of Estonia

*Tensor Product Rings and Morita Equivalence*

**Patrick Wynne**

University of Colorado at Boulder, CO, USA

*Clonoids between modules*

**Dmitriy Zhuk**

Charles University Prague, Czech Republic

*Clones on 3 elements: A New Hope (part I)*