Program of the Summer School on General Algebra and Ordered Sets 2024

Day	Monday, September 9	Tuesday, September 10		Thursday, September 12	Friday, September 13
Morning session	· 8:20 8:25 — Opening, **Chair: Reinhard Pöschel**	· — **Chair: Miroslav Haviar**		· — **Chair: Radomír Halaš**	· — **Chair: David Kruml**
	1. 8:25 9:15 — **Tomáš Jakl**, From vector spaces and bilinear maps to monads, game comonads and Feferman-Vaught-Mostowski theorems, Part I	**1.** 8:25 9:15 — **Tomáš Jakl**, From vector spaces and bilinear maps to monads, game comonads and Feferman-Vaught-Mostowski theorems, Part II		**1.** 8:25 9:15 — **Tomasz S. Kowalski**, Distributive p-algebras: free algebras, quasivarieties, decidability, Part II	**1.** 8:25 8:50 — Serhii Bardyla, Topological transformation monoids
	2. 9:15 9:40 — Ivan Chajda, The logic of effect algebras incorporating time dimension	**2.** 9:15 9:40 — Gejza Jenča, Lattice relations and almost bounded lattice homomorphisms		**2.** 9:15 9:40 — Helmut Länger, On algebras whose congruences have a class that is a subuniverse	**2.** 8:50 9:15 — Přemysl Jedlička, Diagonal mappings of solutions of the Yang-Baxter equation
	3. 9:40 10:05 — Sándor Radeleczki, Atomic residuated mappings	**3.** 9:40 10:05 — Dominik Lachman, Frobenius algebras in the category of relations		**3.** 9:40 10:05 — Reinhard Pöschel, Generalized quasiorders for the maximal clones of monotone functions	**3.** 9:15 9:40 — Josef Šlapal, Topogenous orders and closure operators on posets
	· 10:05 10:30 — Coffee break **Chair: Ivan Chajda**	· 10:05 10:30 — Coffee break **Chair: Branimir Šešelja**		· 10:05 10:30 — Coffee break **Chair: Gejza Jenča**	· 9:40 10:20 — Coffee break **Chair: Josef Šlapal**
	4. 10:30 11:20 — **Tomasz S. Kowalski**, Distributive p-algebras: free algebras, quasivarieties, decidability, Part I	**4.** 10:30 11:20 — **Vincenzo Marra**, An invitation to the algebraic theory of probability, Part I		**4.** 10:30 11:20 — **Vincenzo Marra**, An invitation to the algebraic theory of probability, Part II	**4.** 10:20 10:45 — Michal Botur, A new representation of finite Hoops
	5. 11:20 11:45 — Branimir Šešelja, Lattices and group like algebras	**5.** 11:20 11:45 — Jan Kühr, Stonean biresiduation algebras: A few adjunctions		**5.** 11:20 11:45 — Marek Filakovský, Topological Methods in Promised Colorings	**5.** 10:45 11:10 — Jan Paseka, Foulis m-semilattices
	6. 11:45 12:10 — Max Hadek, Algebraic Methods in Computational Complexity of Constraint Satisfaction Problems	**6.** 11:45 12:10 — Radomír Halaš, Zerodivisor graphs on infinite posets		**6.** 11:45 12:10 — Lucia Kőszegyová, Congruence lattices of prime-cycled algebras	· 11:10 11:20 — Closing
	7. 12:10 12:35 — Emília Halušková, On pre-periods of endomorphisms of finite modular lattices	**7.** 12:10 12:35 — Andrew Craig, Dual digraphs of finite lattices		**7.** 12:10 12:35 — Claudia Muresan, Reducts and varieties of PBZ*-lattices	
Evening session	· — **Chair: Jan Paseka**	· — **Chair: Sándor Radeleczki**			
	1. 20:00 20:25 — Zbyněk Cerman, Additively transtable conic sections with respect to fixed coefficients	**1.** 20:00 20:25 — David Kruml, Flow defects and their aggregation			
	2. 20:25 20:50 — Insa Cremer, Certain partial orders on strong Rickard rings	**2.** 20:25 20:50 — Radka Schwartzová, Clones on ring $\mathbb{Z}_8$			
	3. 20:50 21:15 — Jiří Janda, States and measures on weak BCK-algebras	**3.** 20:50 21:15 — Václav Cenker, Finitely generated varieties of cBCK-algebras			

Wednesday trip - 8:00—19:00

Wednesday banquet - 19:30–???