

AAA72 – Program

The program consists of the following 45-minute invited lectures:

Gábor Czédli (University of Szeged, Szeged, Hungary):

An association rule motivated by Grätzer and Schmidt

Brian Davey (La Trobe University, Bundoora, Australia):

Canonical extensions of distributive-lattice-based algebras via Boolean topological algebras

Ralph Freese (University of Hawaii, Honolulu, USA): *Congruence varieties*

László Fuchs (Tulane University, New Orleans, USA): *On absolute endomorphism semigroups*

George Grätzer (University of Manitoba, Winnipeg, Canada):

Sectionally complemented chopped lattices

Ralph McKenzie (Vanderbilt University, Nashville, USA):

Algebras with few subpowers and algebras with weakly symmetric functions (algebraic concepts and results inspired by learning theory and by the constraint satisfaction problem)

Miroslav Ploščica (Slovak Academy of Sciences, Košice, Slovakia):

Congruence-preserving functions on distributive lattices and related algebras

E. Tamás Schmidt (Budapest Technical University, Budapest, Hungary):

A short tour of congruence lattices

Jirí Tuma (Charles University, Prague, Czech Republic): *Intervals in subgroup lattices*

Friedrich Wehrung (University of Caen, Caen, France): *Dilworth's congruence lattice problem*

as well as the 20-minute contributed talks:

Pham Ngoc Ánh: *Bézout semigroups*

Simion Breaz: *Every Abelian group is determined by a subgroup lattice*

Ewa Graczyńska: *Hyper-quasi-identities in lattices*

Georges Hansoul: *Priestley, Grätzer and Stone dualities for distributive semilattices*

Kalle Kaarli: *Sublattices of the direct product of two lattices*

Tibor Katrinák: *Projective pseudocomplemented semilattices*

David Kelly: *Which freely generated lattices contain $F(3)$?*

Michiro Kondo: *On bounded lattices satisfying Elkan's formula*

Jan Krempa: *On locally uniform lattices and groups*

Jan Kühn: *Sectionally residuated semilattices*

Leonard Kwuida: *Finite distributive weakly complemented lattices*

Petar Markovic: *Varieties with few subpowers and varieties with few congruences on subpowers*

Nebojša Mudrinski: *Modular Lattices With Adjacent Projective Meet Irreducible Elements*

Matthew Nickodemus: *An extension of Pontryagin duality*

Anvar Nurakunov: *Quasivariety lattices and relative congruence lattices*

Jan Paseka: *More on the strength of Engeler's lemma*

Michael Pinsker: *Algebraic lattices are complete sublattices of the clone lattice over an infinite set*

Bob Quackenbush: *When is a semilattice a lattice?*

Sándor Radeleczki: *On the direct decomposition of lattices*

Vladimir Repnitskii: *On intervals in subgroup lattices*

Anna Romanowska: *On representations of bisemigroups, bisemilattices and bilattices*

Pavel Ruzicka: *The optimal bound in Wehrung's theorem*

Marina Semenova: *Lattices embeddable into convexity lattices of posets. Case of trees.*

J. Sichler: *Homomorphisms of finite lattice products*

Agnieszka Stocka: *On uniform dimensions of locally finite groups*

Csaba Szabó: *Free spectra of semigroup varieties*

Jeno Szigeti: *Maximal compatible extensions of partial orders*

Bruno Teheux: *Subalgebra lattices in the finitely generated varieties of MV-algebras*

Rudolf Wille: *Formal Concept Analysis as Applied Lattice Theory*

Irina Zvina: *Around Stone's Representation Theorem*