Summer School on Algebra and Ordered Sets 2007
            Program

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SUNDAY, SEPT 2, 2007

18.00 Dinner

19.00 Informal Getting Together with Wine Tasting

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MONDAY, SEPT 3, 2007

08.30- 9.10 Opening (Miroslav Haviar, Pavol Zlatoš, Sanaa El-Assar, Roman Nedeľa-vicerector)

Morning session (Lecture saloon 1)
Chairman: Tibor Katriňák

9.15-10.45 Rudolf Wille: Contextual Logic as Support for Human Thought and Knowledge I.
10.45-11.15 Coffee break
11.15-12.15 George Grätzer: Two problems that shaped a century of lattice theory. Problem 1: Uniquely complemented lattices.

17.00 – 18.45 Special Dinner to honor the 70th birthday of Professor Katriòák
              (Tálska Bašta)

Evening sessions (19.00-21.25)

Lecture saloon 2
Chairman: Miroslav Ploščica

19.00-19.25 Gábor Horváth: The Extended Equivalence Problem over Finite Groups.
19.30-19.55 Gabriella Pluhár: On the p_n sequences of idempotent semigroups.
20.00-20.25 Eszter Horváth: Counting islands by distributivity.
20.30-20.55 Bozena and Bogdan Staruch: Extensions of partial structures.
21.00-21.25 Martin Máčaj: Ideal convergence of sequences.

Lecture saloon 3
Chairman: Miroslav Haviar

19.00-19.25 Miroslav Kolařík: Directoids with an antitone involution.
19.30-19.55 Jiří Rachůnek: Quantifiers in the non-commutative Lukasiewicz logic.
20.00-20.25 Jan Kühr: Residuation subreducts of some residuated structures.
20.30-20.55 Filip Švrček: Monadic residuated structures.
21.00-21.25 Dana Šalounová: Some closure operators on residuated l-monoids.

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TUESDAY, SEPT 4, 2007

Morning session – "The Old Boys of Summer Schools" (Lecture saloon 1)

Chairman: Günther Eigenthaler

08.45-09.10 Reinhard Pöschel: Which subalgebras determine algebras.
09.15-10.45 Rudolf Wille: Contextual Logic as Support for Human Thought and Knowledge II.
10.45-11.15 Coffee break
11.15-11.40 Ivan Chajda: Algebras having rectricted cardinalities of congruence classes.
11.45-12.10 Ervin Fried: (Weak lattice) varieties covering the vatiety of distributive lattices.

Evening sessions (18.45-21.25)

Lecture saloon 1
Chairman: Gábor Czédli

18.45-19.45 George Grätzer, Fred Wehrung: Two problems that shaped a century of lattice theory. Problem 2: The congruence lattice problem.

Lecture saloon 2
Chairman: Jan Paseka

20.00-20.25 Silvia Pulmannová: Riesz ideals in generalized effect algebras.
20.30-20.55 Gejza Jenča: A half-generalization of the Loop lemma for non-Greechie orthoalgebras.
21.00-21.25 Katarína Mosná: Atomic lattice effect algebras.

Lecture saloon 3
Chairman: Pavol Zlatoš

20.00-20.25 David Stanovský: Embedding algebras into modules.
20.30-20.55 Libor Barto: Modularity and coloring of terms by variables.
21.00-21.25. Jan Pavlík: Coalgebras and cofree objects.

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WEDNESDAY, SEPT 5, 2007

WHOLE DAY TRIP (Chata Štefánika, Zvolen castle and Banská Bystrica historical square), bus departure at 08.00

18.00 – 23.00 CONFERENCE DINNER (Limbus bar)

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THURSDAY, SEPT 6, 2007

Morning session (Lecture saloon 1)
Chairman: Jiří Rachůnek

08.45-09.10 Pavol Zlatoš: Approximation of groups by IAA-loops and quasigroups (survey).
09.15-09.40 Jiří Tůma: Simultaneous representations of lattices as congruence lattices of groupoids.
09.45-10.45 László Márki: Endoprimal algebras I.

10.45-11.15 Coffee break

11.15-11.40 Richard Wiegandt: On A-radicals of rings and involution rings.

11.45-12.10 Zdenka Riečanová: Existence of states on effect algebras and an open problem by George G rätzer.

Afternoon sessions (15.00-17.55)

Lecture saloon 2
Chairman: Sanaa El-Assar

15.00-15.55 Pierre Gillibert: Critical points between finitely generated varieties of lattices.
16.00-16.25 Joanna Grygiel: How to reconstruct distributive lattice with given reducible skeleton.
16.30-16.55 Danica Jakubíková-Studenovská: Lattice of convexities of partial monounary algebras.
17.00-17.25 Štefan Černák: Uniformly complete ideals of MV-algebras.
17.30-17.55 Milan Demko: On ordered quasigroups.

Lecture saloon 3
Chairman: Ivan Chajda

15.00-15.55 Klaus Denecke: Varieties closed under clone isomorphisms.
16.00-16.25 Jörg Koppitz: Galois conrrespondence between lattices of rings and monoids of hypersubstit utions.
16.30-16.55 Runglawan Butkote: Semigroup Properties of n-ary operations on finite set.
17.00.17.25 Kittisak Saengsura: Hyperidentities in Coalgebras.
17.30-17.55 Petr Emanovský: Algebras derived from sectionally involuted lattices.

Evening sessions (18.45-21.25)

Lecture saloon 1
Chairman: Béla Csákany

18.45-19.45 George Grätzer, Fred Wehrung: Two problems that shaped a century of lattice theory. Proble m 2: The congruence lattice problem.

Lecture saloon 2
Chairman: Jiří Tůma

20.00-20.25 Miroslav Ploščica: Two more examples for Congruence Lattice Problem.
20.30-20.55 Jan Paseka: D-posets and commutative basic posets.
21.00-21.25 Sergejs Solovjovs: A representation theorem for quantale algebroids.

Lecture saloon 3
Chairman: Danica Jakubíková-Studenovská

20.00-20.25 Jiří Novotný: On Pawlak machines.
20.30-20.55 Janis Cirulis: Construction of Stone semirings.

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FRIDAY, SEPT 7, 2007

Morning session (Lecture saloon 1)
Chairman: Klaus Denecke

08.45-09.10 Libor Polák: On classes of meet automata.
09.15-10.45 László Márki: Endoprimal algebras II.
10.45-11.15 Coffee break

11.15-11.40 Pawel Idziak: Algebras with few subpowers and the Constraint Satisfaction Problem
11.45-12.10 Gábor Czédli: Fractal lattices.

12.15 Closure (Miroslav Haviar)