

BLAST 2017 SCHEDULE

Monday, August 14

9:00 - 9:30 am	Registration
9:30 - 9:35 am	Opening remarks
9:35 - 10:25 am	Peter Jipsen , <i>On the enduring impact of Bjarni's work in lattice theory, relation algebras and Boolean algebras with operators I</i>
10:30 - 10:55 am	W103 Roger Maddux , <i>Subcompletions of representable relation algebras</i>
10:30 - 10:55 am	W126 Alexander Wires , <i>Characterizing supernilpotent algebras</i>
11:00 - 11:30 am	Coffee break
11:30 - 12:25 pm	Ralph Freese , William De Meo, and Peter Jipsen, <i>Representing finite lattices as congruence lattices</i>
12:30 - 2:30 pm	Lunch
2:30 - 2:55 pm	W103 Paul Brunet , <i>The theory of languages</i>
2:30 - 2:55 pm	W126 Eran Crockett , <i>Dualizable algebras of arbitrary nilpotence class</i>
3:00 - 3:25 pm	W103 Jan Kühr , <i>On horizontal sums of MV-algebras</i>
3:00 - 3:25 pm	W126 Wim Ruitenburg , <i>Latarres on complete lattices</i>
3:30 - 4:00 pm	Coffee break
4:00 - 4:55 pm	Nick Galatos and Gavin St. John, <i>Undecidability for some varieties of commutative residuated lattices</i>
5:30 - 7:00 pm	Reception

Tuesday, August 15

9:30 - 10:25 am	Natasha Dobrinen , <i>Ramsey theory and the universal triangle-free graph</i>
10:30 - 10:55 am	W103 Moti Gitik , <i>Strange ultrafilters</i>
10:30 - 10:55 am	W126 Fei Liang , Giuseppe Greco, Peter Jipsen, and Alessandra Palmigiano, <i>Generalized residuated frames</i>
11:00 - 11:30 am	Coffee break
11:30 - 12:25 pm	Ross Willard , <i>The finite basis problem, Jónsson's speculation, and weird algebras I</i>
12:30 - 2:30 pm	Lunch
2:30 - 3:25 pm	Dima Sinapova , <i>Compactness in the universe I</i>
3:30 - 3:55 pm	W103 Dmitriy Zhuk , <i>Properties of crucial CSP instances</i>
3:30 - 3:55 pm	W126 Ilya Shapirovsky , <i>Local finiteness of modal algebras in terms of Kripke frames partitions</i>
4:00 - 4:30 pm	Coffee break
4:30 - 5:25 pm	Libor Barto , <i>Equationally trivial algebras</i>
5:30 - 5:55 pm	W103 Jakub Opršal , <i>An algebraic approach to promise constraint satisfaction</i>
5:30 - 5:55 pm	W126 Michal Botur , <i>Operators on Pavelka's algebras induced by fuzzy relations</i> (Canceled)

Wednesday, August 16

9:30 - 10:25 am	Andrei Bulatov , <i>The complexity of the nonuniform constraint satisfaction problem</i>
10:30 - 10:55 am	W103 William Demeo , Ralph Freese, and Matthew Valeriote, <i>A polynomial time test for a difference term in an idempotent variety</i>
10:30 - 10:55 am	W126 Lidia Typanska , <i>There are 2^{\aleph_0} pre-maximal extensions of the relevant logic E</i> (Canceled)
11:00 - 11:30 am	Coffee break
11:30 - 12:25 pm	Peter Jipsen , <i>On the enduring impact of Bjarni's work in lattice theory, relation algebras and Boolean algebras with operators II</i>

Note: W103 = Wilson Hall 103, W126 = Wilson Hall 126; all invited talks and tutorials are in W103.

12:30 - 12:55 pm	W103 Dmitry Bredikhin , <i>On groupoids of relations with the operation of C-intersection</i>
12:30 - 12:55 pm	W126 Filippo Calderoni , <i>The Borel complexity of embeddability between torsion-free abelian groups: a case for almost-fullness</i>
1:00 - 2:30 pm	Lunch
2:30 - 6:00 pm	Free afternoon

Thursday, August 17

9:30 - 10:25 am	Peter Mayr , <i>Computing in direct products of algebras</i>
10:30 - 10:55 am	W103 Miroslav Ploscica , <i>Congruence FD-maximal algebras</i>
10:30 - 10:55 am	W126 Robin Hirsch , Marcel Jackson, and Tomasz Kowalski, <i>Algebraic foundations for qualitative calculi and networks</i>
11:00 - 11:30 am	Coffee break
11:30 - 11:55 am	W103 George McNulty , <i>Another proof of Willard's finite basis theorem and characterizing congruence meet semidistributivity in the locally finite case</i>
11:30 - 11:55 am	W126 Imanol Mozo Carollo , Javier Gutiérrez García, and Jorge Picado, <i>An approach to the Dedekind completion of pointfree function rings by means of scales</i>
12:00 - 12:25 pm	W103 Kira Adaricheva and Taylor Ninesling, <i>The update of implicational bases for one-set extensions of a closure system</i>
12:00 - 12:25 pm	W126 M. Andrew Moshier , <i>Comparing approaches to duality for compact Hausdorff spaces</i>
12:30 - 2:00 pm	Lunch
2:00 - 2:55 pm	Ross Willard , <i>The finite basis problem, Jónsson's speculation, and weird algebras II</i>
3:00 - 3:25 pm	W103 Anvar Nurakunov and Michał Stronkowski, <i>On the undecidability of standardness</i>
3:00 - 3:25 pm	W126 Joseph Van Name , <i>Cryptographic applications of very large cardinals</i>
3:30 - 4:00 pm	Coffee break
4:00 - 4:55 pm	James Nation , <i>A primer of quasivariety lattices</i>
5:00 - 5:25 pm	W103 Alex Kruckman , <i>Cologic for profinite structures and coalgebras</i>
5:00 - 5:25 pm	W126 Madina Bolat and Kira Adaricheva, <i>Representation of convex geometries by circles on a plane</i>
6:30 - 8:30 pm	Banquet: Amerigo Restaurant , 1920 West End Ave., Nashville; (615) 320-1740

Friday, August 18

9:30 - 10:25 am	Guram Bezhanishvili , <i>Jónsson's contributions to the study of lattices of logics</i>
10:30 - 10:55 am	W103 James Hart and Matthew Wiese, <i>Hypergraphs and cone lattices</i>
10:30 - 10:55 am	W126 Donald Silberger , <i>Transpositional sequences and their multigraphs</i>
11:00 - 11:30 am	Coffee break
11:30 - 11:55 am	W103 Michael Winter , <i>Stonian p-ortholattices for pointless topology</i>
11:30 - 11:55 am	W126 Bert Lindenhovius , <i>Reconstructing an orthomodular poset from its poset of Boolean subalgebras</i>
12:00 - 12:25 pm	W103 Dwight Duffus , <i>Symmetry in quotients of partially ordered sets</i>
12:00 - 12:25 pm	W126 Tristan Holmes , <i>A lattice theoretic approach to permutohedra</i>
12:30 - 2:30 pm	Lunch
2:30 - 3:25 pm	Dima Sinapova , <i>Compactness in the universe II</i>
3:30 - 3:55 pm	W103 John Baldwin , <i>Homogeneous universal and atomic models: Boolean algebras</i>
4:00 - 4:30 pm	Coffee break
4:30 - 5:25 pm	Jóse Gil-Férez , Luca Spada, Constantine Tsinakis, and Hongjun Zhou, <i>Join-completions and the finite embeddability property</i>