

BLAST 2023 schedule

Tuesday:

12:30 - 1:15 – Registration and coffee

1:15 - 1:30 – Opening remarks

1:30 - 2:20 – Daniel Herden (plenary talk)

At the boundary of algebra and logic: a history of \aleph_1 -free groups

1:30 - 2:20 – Andy Zucker (plenary talk)

Infinite-dimensional Ramsey theory for binary free-amalgamation classes

2:20 - 2:55 – coffee break

2:55 - 3:25 – Ross Willard

That damned problem of Eilenberg and Schützenberger

3:30 - 4:00 – Salma Shaheen

Algebras from finite group actions and a question of Eilenberg and Schützenberger

4:10 - 5:00 – Keith Kearnes (first tutorial)

Higher commutator theory

Wednesday:

8:45 - 9:00 – coffee

9:00 - 9:50 – Marco Abbadini (plenary talk)

Positive MV-algebras

9:50 - 10:20 – coffee break

10:20 - 10:50 – Richard Ball

Pointless parts of completely regular locales

10:55 - 11:25 – Sebastian Melzer

Algebraic frames in Priestley duality

11:30 - 12:00 – Ranjitha Raviprakash

McKinsey-Tarski algebras: an alternative approach to pointfree topology

12:00 - 1:00 – lunch (provided)

1:00 - 1:50 – Andre Kornell (plenary talk)

On the category of sets and relations

2:00 - 2:30 – Connor Meredith

Nilpotence, localization, and dualizability

2

2:30 - 3:05 – Xiao Zhuang
Unilinear residuated lattices

3:05 - 3:35 – coffee break

3:35 - 4:05 – Patrick Wynne
Clonoids between abelian groups

4:10 - 5:00 – Keith Kearnes (second tutorial)
Higher commutator theory

Thursday:

8:45 - 9:00 – coffee

9:00 - 9:50 – Dana Bartošová (plenary talk)
Dynamics, Ramsey theory, and model theory

9:50 - 10:20 – coffee break

10:20 - 10:50 – Rodrigo Hernández-Gutiérrez
When is the complement of the diagonal of a LOTS functionally countable?

10:55 - 11:25 – Hector Barriga-Acosta
An old problem in topology coming back to life

11:30 - 12:00 – Alan Dow
Countable Fréchet-Urysohn Spaces

12:00 - 1:00 – lunch (provided)

1:00 – 1:50 – Andy Zucker (plenary talk)
~~*Infinite-dimensional Ramsey theory for binary free-amalgamation classes*~~

1:00 - 1:50 – Daniel Herden (plenary talk)
At the boundary of algebra and logic: a history of \aleph_1 -free groups

2:00 - 2:30 – Trevor Jack
Semigroup conjugacy and partition coverings

2:35 - 3:05 – Fred Dashiell
Strongly σ -complete Boolean algebras: a unicorn?

3:05 - 3:35 – coffee break

3:35 - 4:05 – Will Brian
Partitioning the real line into Borel sets

4:10 - 5:00 – William Chan (plenary talk)
The cardinality of infinite sets under determinacy

6:00 - 7:00 – Dinner and drinks

Friday:

8:45 - 9:00 – coffee

9:00 - 9:50 – David Stanovský (plenary talk)

Commutator theory for specific classes of algebras: a case study

9:50 - 10:20 – coffee break

10:20 - 10:50 – Peter Mayr

Systems of term equations over finite algebras

10:55 - 11:25 – Edith Vargas-García

Arrow relations in integer partition lattices

11:30 - 12:00 – Peter Jipsen

On representation of distributive involutive residuated lattices by binary relations

12:00 - 1:00 – lunch (provided)

1:00 - 1:30 – Amanda Tran

Structural analysis on the projective space of \mathbb{Z}_4^2

1:35 - 2:05 – M. Hossein Shahzamanian

On pseudovarieties satisfying $\mathbf{V}^{\text{m}} \mathbf{G} = \mathbf{EV}$

2:10 - 2:40 – Joseph McDonald

Direct products of bounded fuzzy lattices and ordinal products of linear fuzzy posets

2:40 - 3:25 – coffee break

3:25 - 3:55 – Albert Madinya

Topologizing the space of minimal primes of an M -frame

4:00 - 4:30 – José Gil-Férez

Locally integral involutive Po-monoids

4:00 - 4:30 – Jaš Šemrl

Relation algebraic models for Lambek calculus with modalities