

**ASSOCIATION FOR SYMBOLIC LOGIC**  
**2018 Joint Mathematics Meeting**

San Diego Convention Center and Marriott Marquis San Diego Marina  
San Diego, CA

January 12-13, 2018

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Program Committee: Jan Reimann (Chair), Philip Scowcroft, Anush Tserunyan.

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All ASL meeting participants are urged to register. The URL for advance registration for the JMM can be found at  
[http://jointmathematicsmeetings.org/meetings/national/jmm2018/2197\\_reg](http://jointmathematicsmeetings.org/meetings/national/jmm2018/2197_reg).

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All talks in the ASL meeting will be held in Room 7B, Upper Level, San Diego Convention Center.

The ASL Reception will take place on Friday, January 12th, 2017, 6:00 - 8:00 pm in Rancho Santa Fe 2 at the Marriott Marquis San Diego Marina.

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FRIDAY, JANUARY 12  
Room 7B, Upper Level, San Diego Convention Center

Morning

- 9:00 – 9:50 Invited Lecture: **Cameron Donnay Hill** (Wesleyan University), *0,1-Laws and pseudofiniteness of  $\aleph_0$ -categorical theories*.
- 10:00 – 10:50 Invited Lecture: **Sebastien Vasey** (Harvard University), *Non-elementary classification theory*.

Afternoon

- 2:00 – 2:50 Invited Lecture: **Emily Riehl** (Johns Hopkins University), *A synthetic theory of  $\infty$ -categories in homotopy type theory*.
- 3:00 – 3:50 Invited Lecture: **Antonina Kolokolova** (Memorial University of Newfoundland), *Power of reasoning over richer domains*.
- 4:00 – 5:50 Contributed Talks, Session I: *see page 2*.

Evening

- 6:00 – 8:00 ASL Reception in Rancho Santa Fe 2 at the Marriott Marquis San Diego Marina

SATURDAY, JANUARY 13  
Room 7B, Upper Level, San Diego Convention Center

Morning

- 9:00 – 9:50 Invited Lecture: **Simon Thomas** (Rutgers University), *The isomorphism and bi-embeddability relations for countable torsion abelian groups.*  
10:00 – 10:50 Invited Lecture: **Aristotelis Panagiotopoulos** (California Institute of Technology), *Games orbits play.*

Afternoon

- 1:00 – 1:50 Invited Lecture: **Keita Yokoyama** (JAIST, Japan), *Ramsey's theorem in arithmetic.*  
2:00 – 4:20 Contributed Talks, Session II: *see below.*

CONTRIBUTED TALKS

Contributed Talks, Session I

- 4:00 – 4:20 **Francis Adams**, *The loose number of graphs on topological spaces.*  
4:30 – 4:50 **Rachel Epstein\***, **Karen Lange** *Computable reducibility and equality on a given set.*  
5:00 – 5:20 **Jake Pardo**, *Reverse mathematics of hypergraph colorings.*  
5:30 – 5:50 **Farshad Nahangi** *Omitting types in temporal logic.*

Contributed Talks, Session II

- 2:00 – 2:20 **Athar Abdul-Quader**, *Classifying Enayat models of Peano Arithmetic.*  
2:30 – 2:50 **Ernek Nurkhaidarov**, *The automorphism group of a recursively saturated model of Peano Arithmetic.*  
3:00 – 3:20 **Shay Logan**, *Constant domain semantics for contractionless first-order relevance logics.*  
3:30 – 3:50 **Michael McGrady**, *The molecular structure of mathematical proof.*  
4:00 – 4:20 **Joachim Mueller-Theys**, *The total unprovability of unprovability.*