ASSOCIATION FOR SYMBOLIC LOGIC
2008 ANNUAL MEETING
REVISED

University of California, Irvine
Irvine, CA

March 27–30, 2008

Program Committee: C. Laskowski (Chair), J. Miller, T. Pitassi, E. Reck, M. Zeman.
Local Organizing Committee: A. Antonelli (Chair), P. Eklof, M. Foreman, P. Maddy, K. Wehmeier, M. Zeman.
Please see `http://kleene.ss.uci.edu/~asl2008` for additional information.

All lectures will be held in Donald Bren Hall (Building 314, DBH on the campus map) on the campus of the University of California, Irvine. The registration desk and the book exhibit will be in DBH 1429; coffee breaks will be held in a tent right outside DBH 1429. The welcoming reception will be held on the patio of the University Club, next to DBH. The conference banquet will be held on Saturday, March 29 at the Newport Beach Marriott Bayview Hotel.

THURSDAY, MARCH 27
Morning, DBH 1100

8:15 – 8:45	Coffee and Snacks
8:45 – 9:00	Opening Remarks
9:00 – 10:00	Invited Lecture: **Stephen Cook** (University of Toronto) *Bounded reverse mathematics.*
10:15 – 11:15	Invited Lecture: **Andy Lewis** (University of Leeds) *On the degree spectrum of a* Π^0_1 *class.*
11:30 – 12:30	Special lecture in honor of Paul Eklof: **Saharon Shelah** (Hebrew University) *Incompactness in singular cardinals.*

Afternoon, DBH 1200, 1300, 1420

2:00 – 3:40	Special sessions: Computability Theory and Computable Mathematics, Set-theoretic algebra. *See pages 3 and 4.*
4:00 – 5:30	Contributed talks: Sessions A,B,C. *See page 6.*
5:30 – 7:00	Welcoming Reception, University Club patio
8:30 – 11:00	ASL Council Meeting. Social Sciences Tower 777.

FRIDAY, MARCH 28

Morning, DBH 1100

8:30 – 9:00	Coffee and Snacks
9:00 – 10:00	Invited Lecture: **José Ferreirós** (University of Sevilla) *Hilbert, logicism, and mathematical existence.*
10:15 – 11:15	Invited Lecture: **Monica VanDieren** (Robert Morris University) *Stability in abstract elementary classes.*
11:30 – 12:30	Invited Lecture: **Eliyahu Rips** (Hebrew University) *On the work of the Karp Prize winner, Zlil Sela.*

Afternoon, DBH 1200, 1300, 1420, 1422

2:00 – 3:40	Special sessions: Computability Theory and Computable Mathematics, Logic and Logical Empiricism, Set theory, Model Theory. *See pages 3, 4, and 5.*
4:00 – 5:30	Contributed talks: Sessions D,E. *See page 6.*

SATURDAY, MARCH 29

Morning, DBH 1100

8:30 – 9:00	Coffee and Snacks
9:00 – 10:00	Invited Lecture: **David Marker** (University of Illinois, Chicago) *Complex exponentiation and pseudoexponentiation.*
10:15 – 11:15	Invited Lecture: **Jamie Tappenden** (University of Michigan) *Riemann-Dedekind methodology and nineteenth century logic.*
11:30 – 12:30	Tribute to Paul Cohen: **Akihiro Kanamori** (Boston University) *Cohen and set theory.*

Afternoon, DBH 1200, 1300, 1420, 1422

2:00 – 3:40	Special sessions: Computability Theory, Set theory, Logic and Early Analytic Philosophy, Model Theory. *See pages 3, 4, and 5.*
4:00 – 5:00	Nineteenth Annual Gödel Lecture DBH 1100: **W. Hugh Woodin** (University of California, Berkeley) *The Continuum Hypothesis, the Ω Conjecture, and the inner model problem for one supercompact cardinal.*
6:00 – 10:00	Conference Banquet, Newport Beach Marriott Bayview Hotel: **Presentation of the Shoenfield and Karp prizes.**

SUNDAY, MARCH 30

Morning, DBH 1100

8:30 – 9:00	Coffee and Snacks
9:00 – 10:00	Invited Lecture: **Sam Buss** (University of California, San Diego) *Resolution search algorithms, learning, and propositional proof systems.*
10:15 – 11:15	Invited Lecture: **Theodore Slaman** (University of California, Berkeley) *Effective randomness relative to continuous measures.*

Special Sessions on Computability Theory and Computable Mathematics
Organized by Antonio Montalban

Session A, THURSDAY, MARCH 27
Room DBH 1200

2:00 – 2:30	**Valentina Harizanov** (George Washington University) *Effective categoricity of equivalence structures and abelian p-groups.*
2:35 – 3:05	**Reed Solomon** (University of Connecticut)*Computable complexity of trivial strongly minimal models.*
3:10 – 3:40	**Julia Knight** (University of Notre Dame) *Rank homogeneous trees and classes of Ulm type.*

Session B, FRIDAY, MARCH 28
Room DBH 1200

2:00 – 2:30	**Asher Kach** (University of Connecticut) *Embeddings of computable linear orders.*
2:35 – 3:05	**Alberto Marcone** (University of Udine) *The reverse mathematics of Fraïssé's conjecture for finite Hausdorff rank.*
3:10 – 3:40	**Rod Downey** (Victoria University of Wellington) *Adjacencies in computable linear orderings.*

Session C, SATURDAY, MARCH 29
Room DBH 1200

2:00 – 2:30	**Bjørn Kjos-Hanssen** (University of Hawaii) *Infinite subsets of random sets of integers.*
2:35 – 3:05	**Jeff Remmel** (University of California, San Diego) *A reflection on a theorem of Kozen: Universal languages and the power of diagonalization.*
3:10 – 3:40	**Joseph Mileti** (University of Chicago) *Combinatorics and computability.*

Special Session on Set-theoretic algebra

In honor of Paul Eklof

THURSDAY, MARCH 27
Room DBH 1300

2:00 – 2:30 **Rüdiger Göbel** (Universität Duisburg-Essen) *Variations on a theorem by Paul Eklof and Saharon Shelah on torsion-free abelian groups.*
2:35 – 3:05 **Jan Trlifaj** (Univerzita Karlova, Prague)*The roots of Ext.*
3:10 – 3:40 **Ivo Herzog** (The Ohio State University at Lima) *TBA*

Special Sessions on Set Theory

Session B, FRIDAY, MARCH 28
Room DBH 1420

2:00 – 2:30 **Howard Becker** *The descriptive complexity of the stabilizer function.*
2:35 – 3:05 **Matthew Foreman** (University of California, Irvine) *Forbidden intervals.*
3:10 – 3:40 **Itay Neeman** (UCLA) *TBA.*

Session C, SATURDAY, MARCH 29
Room DBH 1420

2:00 – 2:30 **John Steel** (University of California, Berkeley) *The consistency strength of* $AD_{\mathbb{R}}$.
2:35 – 3:05 **Stephen Jackson** (University of North Texas)*Some remarks about scales.*
3:10 – 3:40 **Andres Caicedo** (Caltech) *The extent of squares under MRP.*

Special Session on Logic and Logical Empiricism

FRIDAY MARCH 28
Room DBH 1300

2:00 – 2:30 **Dirk Schlimm** (McGill University) *Moritz Pasch: A nineteenth century logical empiricist.*
2:35 – 3:05 **Sam Hillier** (University of California, Irvine) *Carnap's Principle of Tolerence deflated.*
3:10 – 3:40 **Richard Zach** (University of Calgary) *Carnap's logic in the 1930s.*

Special Session on Logic and Early Analytic Philosophy

SATURDAY MARCH 29
Room DBH 1300

2:00 – 2:30 **Danielle Macbeth** (Haverford College)*Reasoning in Frege's Begriffsschrift.*

2:35 – 3:05 **Chris Pincock** (Purdue University) *Russell's propositional functions: a case study in the metaphysical basis of logic.*

3:10 – 3:40 **Kai Wehmeier** (University of California, Irvine) *Frege, Russell, and Wittgenstein on the logic of identity.*

Special Sessions on Model Theory

Session A, FRIDAY MARCH 28
Room DBH 1422

2:00 – 2:30 **David Lippel** (University of Notre Dame)*Some facts about tropical amoebas via model theory.*

2:35 – 3:05 **Alf Dolich** (Chicago State University) *On generic expansions of ordered structures.*

3:10 – 3:40 **John Goodrick** (University of Maryland) *Dp-minimal structures and ordered groups.*

Session B, SATURDAY MARCH 29
Room DBH 1422

2:00 – 2:30 **John Baldwin, Alexei Kolesnikov*, Saharon Shelah** (Towson State University) *The amalgamation spectrum.*

2:35 – 3:05 **John Baldwin** (University of Illinois, Chicago)*The necessity of VWGCH.*

3:10 – 3:40 **Martin Koerwien** (University of Illinois, Chicago) *Omega stability and Borel reducibility.*

CONTRIBUTED TALKS

Session A, THURSDAY MARCH 27
Room DBH 1200

4:00 – 4:25 **Ioannis Souldatos**, *Cardinals characterizable by Scott sentences.*
4:30 – 4:55 **M.C. Stanley**, *Outer model satisfiability.*
5:00 – 5:25 **Franklin D. Tall**, *Useful models of set theory.*

Session B, THURSDAY MARCH 27
Room DBH 1300

4:00 – 4:25 **Curtis Franks**, *Herbrand on arithmetization.*
4:30 – 4:55 **Jeffrey Roland**, *Remarks governing maxims of set theory.*
5:00 – 5:25 **Dan E. Willard**, *On how self-justifying axiom systems are related to evolving logical formalisms.*

Session C, THURSDAY MARCH 27
Room DBH 1420

4:30 – 4:55 **Brooke Andersen**, *Comparing strong notions of reducibility.*
5:00 – 5:25 **Hunter Johnson**, *Linear growth in VC dimension.*

Session D, FRIDAY MARCH 28
Room DBH 1200

4:00 – 4:25 **Sean Cox**, *A covering theorem for the core model, with applications.*
4:30 – 4:55 **Paul Corazza**, *The axiom of infinity and transformations $V \to V$.*

Session E, FRIDAY MARCH 28
Room DBH 1300

4:00 – 4:25 **G. Mints**, *Termination proof for epsilon substitution by bar induction.*
4:30 – 4:55 **Sergei Tupailo**, *NF and indiscernibles in ZF.*
5:00 – 5:25 **Wim Ruitenburg**, *A classical model theory for intuitionalistic logic.*