

1999 EUROPEAN SUMMER MEETING  
OF THE ASSOCIATION FOR SYMBOLIC LOGIC

LOGIC COLLOQUIUM '99

**Utrecht, The Netherlands, August 1–6, 1999**

Logic Colloquium '99, the 1999 European Meeting of the Association for Symbolic Logic, took place at the University of Utrecht in The Netherlands on August 1–6, 1999. The Program Committee consisted of Erik Barendsen, Jan van Eijck, Sergey Goncharov, Wilfrid Hodges (Chair), Dick de Jongh, Alexander Kechris, Peter Koepke, Manuel Lerman, David Marker, Jaap van Oosten, Andrew Pitts, and Albert Visser. The Organizing Committee consisted of Peter Blok, Jan van Eijck (Chair), Vincent van Oostrom, Simone Panka, Marc Pauly, Maarten de Rijke, Frans Snijders, Yde Venema, and Marco de Vries. The main program consisted of twelve invited lectures, four series of three-lecture tutorials, and three series of parallel sessions for contributed talks.

The following invited talks were presented:

Samson Abramsky (Edinburgh), *Concurrent games and full completeness.*

Alessandro Andretta (Torino), *Countable Borel equivalence relations.*

Sergei Artëmov (Cornell and Moscow), *Explicit provability or How to circumvent Gödel's incompleteness theorem.*

Joan Bagaria (Barcelona), *Reflection and absoluteness in set theory.*

Lev Beklemishev (Münster), *Reflection principles in formal arithmetic.*

Peter Cholak (Notre Dame, Indiana), *Some recent results on the computably enumerable sets.*

Deirdre Haskell (Holy Cross, Worcester, Massachusetts), *Valued fields and elimination of imaginaries.*

Dale Miller (Pennsylvania State), *A meta-logic for sequent calculus.*

Andrei Morozov (Novosibirsk), *Symmetry and computability.*

Jan Rutten (CWI, Netherlands), *Coinduction and behavioural differential equations.*

Patrick Speissegger (Toronto), *The Pfaffian closure of an  $\omega$ -minimal structure.*

Andreas Weiermann (Münster), *Proof theory and subrecursive hierarchies.*

The series of tutorials were:

Greg Hjorth (University of California, Los Angeles), *Group actions and countable models.*

Jan Willem Klop (Free University, Netherlands), *Ten topics in term rewriting.*

Ieke Moerdijk (Utrecht), *Categories and types.*

Anand Pillay (University of Illinois, Urbana-Champaign), *Geometric model theory.*

There were also two evening lectures arranged by members of the Dutch logic community:

Johan van Benthem (Amsterdam), *Guarded quantifiers: a new look at decidable fragments.*

N. G. de Bruijn, *Teaching logic in a style inspired by Automath.*