

2005 SUMMER MEETING
OF THE ASSOCIATION FOR SYMBOLIC LOGIC
LOGIC COLLOQUIUM '05

Athens, Greece
July 28–August 3, 2005

Logic Colloquium '05, the 2005 European Summer Meeting of the Association for Symbolic Logic, was hosted by the University of Athens from July 28 to August 3, 2005. The opening session was held in the impressive Great Hall of the University's Main Building and was followed by a Welcome Reception in the adjoining Courtyard. Thereafter, lectures were held in the Mathematics Building on the University Campus.

The sponsors of the meeting include: the Association for Symbolic Logic, Athens Chamber of Commerce and Industry, the Bank of Greece, Graduate Program in Logic and Algorithms, IVI Loutraki Water, Hellenic Parliament, Katoptro Publications, Kleos S.A., the Ministry of National Education and Religious Affairs, Mythos Beer, National and Kapodistrian University of Athens, National Bank of Greece, and the Sigalas Wine Co. Ltd. We thank them for their support.

The success of the meeting was due largely to the hard work of the Organizing Committee under the leadership of its Chair, Costas Dimitracopoulos, the other members being D. Anapolitanos, L. Kirousis, G. Koletsos, M. Mytilinaios, S. Papastavridis, Th. Pheidas, P. Rondogiannis, G. Stavrinou, A. Synachopoulos, A. Tzouvaras, and S. Zachos. The Program Committee consisted of C. T. Chong, C. Dimitracopoulos, H. Field, G. Jaeger, G. Metakides, L. Newelski, D. Normann, R. Parikh, J. Steel, S. Todorcevic, J. Tucker, F. Wagner, and S. Wainer (Chair).

The main conference topics were: *Computability Theory, Computer Science Logic, Model Theory, Philosophy of Logic, Proof Theory and Constructivism, and Set Theory*. The program included four short tutorial courses, twelve invited plenary lectures, and eight invited lectures in four special sessions corresponding to the first four main topics. There were 100 contributed papers and just over 200 participants from 32 different countries. Forty-one student or postdoctoral participants were assisted by ASL grants, and a further 39 participants received grants from other sources.

The following short tutorial courses were delivered:

- P. Aczel, *Constructive set theory*.
- I. Ben Yaacov, *Model theory in positive and continuous logics*.
- P. Kolaitis, *Constraint satisfaction, complexity and logic*.
- G. Restall, *The shape of proofs: inference and meaning in classical and non-classical logics*.

The following invited plenary lectures were presented:

- J. Bergstra, *Decision problems for pushdown threads*.
- S. Goncharov, *Isomorphisms and definable relations on computable models*.
- D. Haskell, *Independence for types in algebraically closed valued fields*.
- E. Jaligot, *Simple groups of finite Morley rank*.