

2001 EUROPEAN SUMMER MEETING
OF THE ASSOCIATION FOR SYMBOLIC LOGIC
LOGIC COLLOQUIUM '01

Vienna, Austria, August 6–11, 2001

Logic Colloquium'01, the 2001 European Meeting of the Association for Symbolic Logic, took place at the Vienna University of Technology in Austria, on August 6–11, 2001. The Program Committee consisted of M. Arslanov, M. Baaz, W. Buchholz, L. van den Dries, S. Friedman, D. Isaacson, C. Jockusch, J. Krajíček (Chair), L. Newelski (resigned April 2000), J. Paris, J.-P. Ressayre, B. Veličković, and A. Visser. The Colloquium was very well organized and smoothly run by the Local Organizing Committee whose members included M. Baaz (Chair), A. Beckmann, A. Ciabattoni, C. Fermüller, S. Friedman, M. Goldstern, G. Gottlob, F. Gusel, A. Leitsch, G. Moser, N. Preining, G. Salzer, R.-D. Schindler, H. Veith, and M. Zeman. Generous support from the Kurt Gödel Society, the Austrian Federal Ministry of Education, Science, and Culture, the Vienna Convention Bureau, the European Union, the U.S. National Science Foundation, and the Association for Symbolic Logic is gratefully acknowledged.

The main topics of the conference were Model theory, Set theory, Computability theory, Proof theory and proof search, Philosophy and history of logic, and Computer science and complexity theory. The program included two tutorials, fifteen invited plenary lectures, and seventeen invited talks in six special sessions corresponding to the main topics. There also were 126 contributed talks, and 35 talks presented by title. In total, 248 participants registered for the Colloquium.

The life and work of Kurt Gödel served as the main informal theme of the meeting. K. Gödel lived and worked in Vienna when he proved his famous Incompleteness theorem, published exactly seventy years ago. To commemorate this occasion the organizers arranged for special lectures by G. Kreisel, *A consumer's (re)view around higher infinities*, and by G. Takeuti, *Incompleteness theorem and its frontier*; the latter was delivered at a splendid banquet in the beautiful City Hall. The organizers also scheduled talks for one afternoon at the institute of the University of Vienna, where Gödel lectured. Last but not least, the atmosphere of numerous Viennese cafes offered the LC'01 participants a glimpse of the world of K. Gödel, R. Carnap, and their many famous contemporaries.

The following tutorials were presented:

Itay Neeman (Berlin), *Determinacy of long games*.
Alexander Leitsch (Vienna), *Resolution theorem proving*.

The following invited plenary lectures were given:

Toshiyasu Arai (Hiroshima), *Wellfoundedness proofs in reflecting universes*.
Steve Awodey (Pittsburgh), *Modal and intensional types in categorical logic*.
James Cummings (Pittsburgh), *Squares, scales and reflection*.
Rod Downey (Wellington), *Calibrating randomness*.
Harvey Friedman (Columbus), *Recent incompleteness*.