

8TH WORKSHOP ON LOGIC, LANGUAGE, INFORMATION AND  
COMPUTATION (WoLLIC '2001)

CO-SPONSORED BY THE ASSOCIATION FOR SYMBOLIC LOGIC

**Brasilia, Distrito Federal, Brazil**  
**July 31–August 3, 2001**

The 8th Workshop on Logic, Language, Information and Computation (WoLLIC '2001) was held at the campus of the University of Brasilia (UnB), in the city of Brasilia (Distrito Federal), Brazil, from July 31 to August 3, 2001.

It was the eighth in a series of workshops that started in 1994 with the aim of fostering interdisciplinary research in pure and applied logic. Previous workshops were held at: Recife (Pernambuco) in 1994 and 1995; Salvador (Bahia) in 1996; Fortaleza (Ceará) in 1997; Sao Paulo in 1998; Itatiaia (Rio de Janeiro) in 1999; and Natal (Rio Grande do Norte) in 2000.

The workshop had the scientific sponsorship of the Interest Group in Pure and Applied Logics (IGPL), the European Association for Logic, Language and Information (FoLLI), the Association for Symbolic Logic (ASL), the Brazilian Computer Science Society (SBC), and the Brazilian Logic Society (SBL). Funding was provided by CNPq (Brazilian Research Council, Ministry of Science and Technology), CAPES (Brazilian Ministry of Education), and the University of Brasilia (UnB).

The Program Committee consisted of John Baldwin (University of Illinois at Chicago, USA), Mads Dam (Swedish Institute of Computer Science, Sweden), Marcelo Finger (University of Sao Paulo, Brazil), Edward Hermann Haeusler (Pont. Catholic University Rio de Janeiro, Brazil), David Israel (SRI International, USA), Fairouz Kamareddine (Heriot-Watt University, Scotland), Claude Kirchner (LORIA and INRIA, France), Phokion Kolaitis (University of California at Santa Cruz, USA), Daniel Leivant (Indiana University, USA), Michael Moortgat (Utrecht University, The Netherlands), and Pavel Pudlak (Mathematics Institute of the Czech Academy of Sciences, Czech Republic). The Organizing Committee consisted of Mauricio Ayala-Rincón (UnB) (Co-Chair), Sandra A. de Amo (UFU), Ana Teresa de Castro Martins (UFC), Anjolina G. de Oliveira (UFPE/UFBA), Haydee W. Poubel (UnB), Ruy de Queiroz (UFPE) (Co-Chair), and Renata Wassermann (USP).

There were seven invited talks:

Walter Carnielli (Campinas State University), *Logics of formal (in)consistency*.

Bruno Courcelle (University of Bordeaux-1), *Graphs, trees and monadic second order logic: Recent results and open problems*.

Gilles Dowek (INRIA), *Confluence as a cut elimination property*.

Arnaud Fleury (University of Verona), *Braided linear logic*.

Petr Hájek (Czech Academy of Sciences), *Some new trends in mathematical fuzzy logic*.

Dexter Kozen (Cornell University), *Automata on guarded strings*.

Jouko Väänänen (Helsinki University), *Pseudo-finite model theory*.

July 31 was the “tutorial day”, and the following tutorial lectures were presented (two hours each):