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THIRD INTERNATIONAL SYMPOSIUM ON FOUNDATIONS OF INFORMATION AND KNOWLEDGE SYSTEMS (FoIKS 2004)

CO-SPONSORED BY THE ASSOCIATION FOR SYMBOLIC LOGIC

Vienna, Austria
February 17–20, 2004

The Third International Symposium on Foundations of Information and Knowledge Systems was held at Hotel/Castle Wilhelminenberg, in Vienna, Austria, on February 17–20, 2004. It was sponsored by the European Association for Theoretical Computer Science (EATCS), the Association for Symbolic Logic (ASL), and the Austrian Computer Society (OCG). The organizing committee also gratefully acknowledges the financial support of the Federal Ministry for Transport, Innovation and Technology, the Department of Cultural Affairs of the City of Vienna, the Austrian Computer Society, and the Vienna Convention Bureau.

The conference covered various areas of Database Theory, foundations of Information Systems, and foundations of Knowledge Systems. Fifty-seven articles were submitted with authors from thirty different countries—in the broad areas of Dependency Theory, Database Updates, Database Queries, and Knowledge Representation and AI—and eighteen of them were accepted by the Program Committee for inclusion in the Conference Proceedings, edited by Springer (LNCS 2942). Fourteen papers were presented in talks of 50 minutes, followed by a discussion of 20 minutes, and four papers were presented in talks of 30 minutes, followed by a discussion of 10 minutes. Discussions were lead by the author of another paper, who had prepared a response in advance. The conference included 53 participants from 19 different countries.

There were two invited talks, of 80 minutes each:

Georg Gottlob (Vienna University of Technology, Austria), *Hypergraph transversals: Complexity and applications*.

Yuri Gurevich (Microsoft Research, Redmond, USA), *Abstract state machines: An overview of the project*.

For the Program Committee
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