

Scientific Report
5th Workshop on Methods for Modalities
November 29–30, 2007
École Normale Supérieure de Cachan, France

The “5th Workshop on Methods for Modalities” took place in Cachan on 29-30th November 2007. The series started eight years ago in Amsterdam, host of M4M 1999 and M4M 2001, and then moved to Nancy (M4M 2003) and Berlin (M4M 2005). Over 50 participants attended to the workshop which is a very large amount compared to previous editions.

The workshop “Methods for Modalities” (M4M) aims to bring together researchers interested in developing algorithms, verification methods and tools based on modal logic. Here the term “modal logics” is conceived broadly, including description logic, guarded fragments, conditional logic, temporal and hybrid logic, etc.

In addition to the 22 contributed papers (selected from over 42 submissions), the scientific program of M4M 2007 included invited talks given by Ahmed Bouajjani, Patricia Bouyer, Balder ten Cate, Koen Claessen and Wiebe van der Hoek. Each submission was reviewed by at least two program committee members and the refereeing process was performed thanks to the EasyChair system. A large number of submitted papers were of high quality; however because of the short duration of the workshop, only 22 papers could be accepted for presentation. Among the 22 papers, 5 contributions are system description papers, 2 contributions are presentation-only papers (already presented in other conferences), and 15 contributions are regular original papers. A second refereeing round is currently organized after the workshop in order to produce the volume in the ENTCS series. More details about the program can be found at the URL <http://www.lsv.ens-cachan.fr/M4M5/>.

We are most grateful to the members of the program committee and all additional reviewers for their work. We are indebted to all the members of the organizing committee for their support, which included setting up and maintaining web pages. We would especially like to thank Geneviève Quéau and Arnaud Sangnier for their help.

January 2008

Stéphane Demri