NINTH INTERNATIONAL CONFERENCE ON
LOGIC PROGRAMMING AND NONMONOTONIC REASONING (LPNMR 2007)

Workshop on Correspondence and Equivalence
for Nonmonotonic Theories (CENT 2007)

Working Notes

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Preface

This volume consists of the contributions presented at the Workshop Correspondence and Equivalence for Nonmonotonic Theories, CENT 2007, colocated with LPNMR 2007 in Tempe, Arizona, USA on May 14 2007.

The systematic study of intertheory relations such as strong and uniform equivalence has recently become an active sub-area of research in the field of LPNMR. Various kinds of correspondence relations that may hold between logic programs or between nonmonotonic theories have been analysed and shown to be of practical relevance for theory or program transformation, optimisation and modularity. Several systems for verifying such relations have already been implemented. The papers in this volume explore this topic further and take it in several new directions.

We would like to express our warm thanks to the LPNMR programme chairs, Gerhard Brewka and John Schlipf, for agreeing to host this event in Tempe. A special thanks also to goes to Chitta Baral, the local organiser of LPNMR, for his help in accommodating the workshop and printing these proceedings. Finally, we thank the contributors for their efforts to improve our understanding of this developing area and the programme committee members for their efforts to help improve the quality of our research.

April 2007

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