

Third International Workshop on Logics for Resource Bounded Agents (LRBA 2010)

held as part of

**Multi-Agent Logics, Languages and Organisations – Federated Workshops
(MALLOW 2010)**

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Workshop Notes

Preface

Formal models of knowledge and belief, as well as other attitudes such as desire or intention, have been extensively studied. However, most of the treatments of knowledge and belief make strong assumptions about reasoners. For example, traditional epistemic logic says that agents know all logical consequences of their knowledge. Similarly, logics of action and strategic interaction are usually based on game theoretic models which assume perfect rationality. Models based on such assumptions can be used to describe ideal agents without bounds on resources such as time, memory, etc, but they fail to accurately describe non-ideal agents which are computationally bounded. The *Logics for Resource Bounded Agents Workshop* (LRBA) aims to provide a forum for discussing possible solutions to the problem of formally capturing the properties of knowledge, belief, action, etc. of non-idealised resource-bounded agents.

The 2010 workshop is the third *LRBA* workshop, following previous events at *ESSLLI 2006* in Malaga and *MALLOW 2007* in Durham. We would like to thank the authors and the reviewers for helping to make *LRBA 2010* a success.

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