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Preface

The SBIA conference series started in 1984 at the Federal University of Rio Grande do Sul (UFRGS) and through the years has benefited the Artificial Intelligence and Computer Science communities in Brazil.

After 26 years and 20 conferences SBIA is now a mature event, constituting a discussion forum for new ideas in all sub-areas of AI.

In this book you will find the full papers selected for publication in the SBIA 2010 proceedings. The papers cover the AI sub-areas in the following way:

- Ontologies, Knowledge Representation, and Reasoning: 8
- Machine Learning: 2
- Autonomous Agents and Multiagent Systems: 6
- Natural Language Processing: 2
- Planning and Scheduling: 5
- Logics for AI: 3
- Constraints and Search: 5

We would like to thank all the authors that contributed to SBIA 2010. We also thank all the members of the international Program Committee and the additional reviewers, who did an excellent job in reviewing the papers.

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August 2010

Antônio Carlos da Rocha Costa
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