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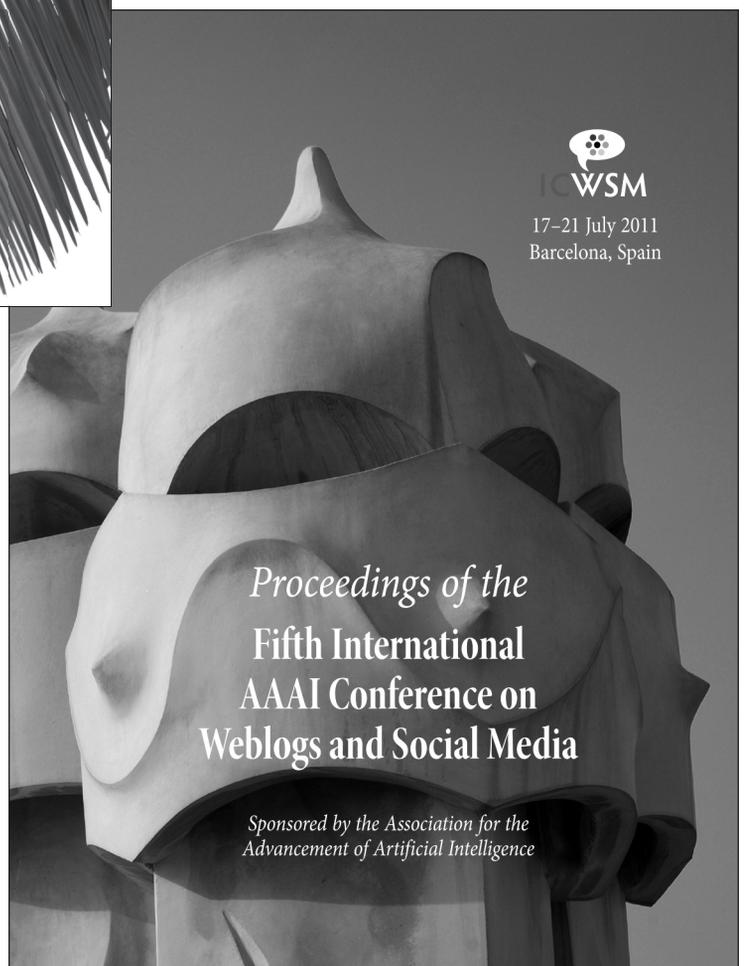


**Proceedings of the
Twenty-Fourth International
Florida Artificial Intelligence
Research Society Conference**

*May 18–20, 2011
Palm Beach, Florida*

*Edited by
R. Charles Murray and
Philip M. McCarthy*

www.aaai.org/Press/Proceedings/icwsm11.php



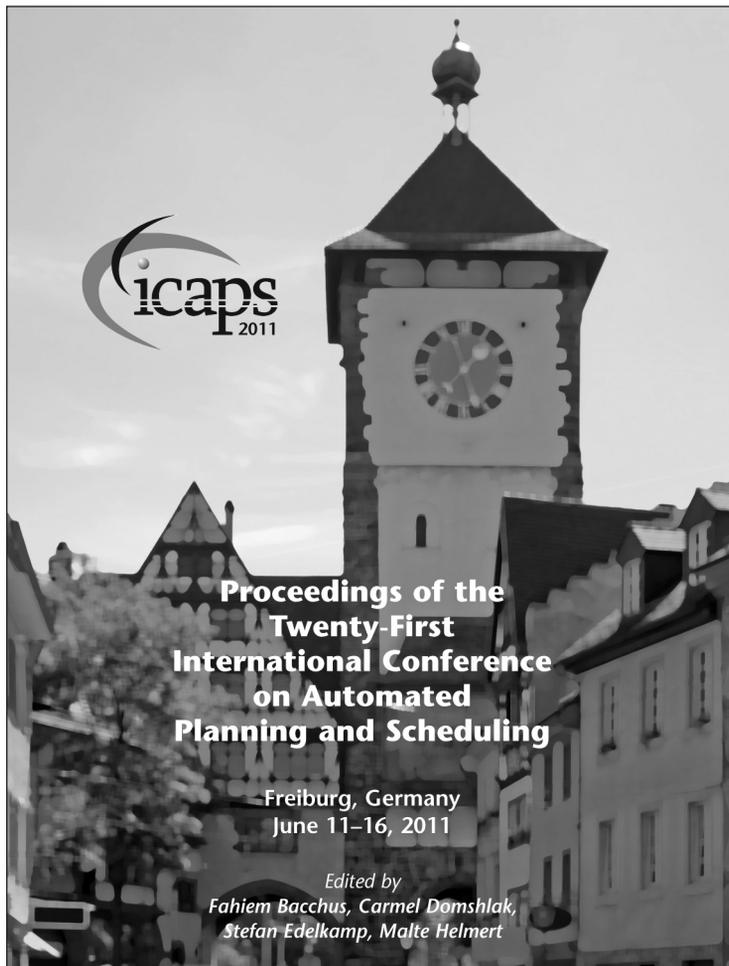
*17–21 July 2011
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*Proceedings of the
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IJCAI·11

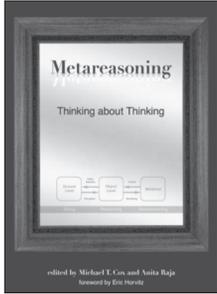
Proceedings of the Twenty-Second International Joint Conference on Artificial Intelligence

Barcelona, Catalonia, Spain
July 16-22, 2011

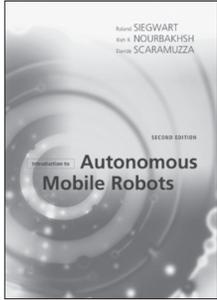
Integrated and Embedded Artificial Intelligence



 The MIT Press



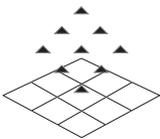
Metareasoning
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foreword by Eric Horvitz
Experts report on the latest artificial intelligence research concerning reasoning about reasoning itself.
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2011 AAAI Symposium Series

The 2011 AAAI Fall Symposium Series will be held Friday through Sunday, November 4–6, at the Westin Arlington Gateway, Arlington, Virginia, adjacent to Washington, DC. The Symposium Series will be preceded on Thursday, November 3 by a one-day AI Funding Seminar. The titles of the eight symposia are:

- Advances in Cognitive Systems
- Building Representations of Common Ground with Intelligent Agents
- Complex Adaptive Systems: Energy, Information and Intelligence
- Multiagent Coordination under Uncertainty
- Open Government Knowledge: AI Opportunities and Challenges
- Question Generation
- Robot-Human Teamwork in Contingency Operating Environments

www.aaai.org/Symposia/Fall/fss11.php

CALL FOR PAPERS
The Twenty Fifth International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE-2012) – Dalian, Liaoning, China – June 9 – 12, 2012

IEA/AIE-2012 Conference website:
<http://ssdut.dlut.edu.cn/iea-aie/>

Sponsored by: International Society of Applied Intelligence (ISAI) and **In Cooperation with:** Association for the Advancement of Artificial Intelligence (AAAI); Association for Computing Machinery (ACM/SIGART, SIGKDD); Austrian Association for Artificial Intelligence (OeGAI); Dalian University of Technology (DLUT); European Neural Network Society (ENNS); International Neural Network Society (INNS); Japanese Society for Artificial Intelligence (JSAI); Slovenian Artificial Intelligence Society (SLAIS); Spanish Society for Artificial Intelligence (AEPIA); Taiwanese Association for Artificial Intelligence (TAAI); Taiwanese Association for Consumer Electronics (TACE); Texas State University-San Marcos.

IEA/AIE-2012 continues the tradition of emphasizing Industrial, Engineering and Other applications of Applied Intelligent Systems' technology in solving real-life problems. Paper submission is required by **November 11, 2011**. Submission instructions and additional details may be obtained from the website or from the Program Chair, Dr. He Jiang. Email: jianghe@dlut.edu.cn

AAAI Conferences Calendar

This page includes forthcoming AAAI sponsored conferences, conferences presented by AAAI Affiliates, and conferences held in cooperation with AAAI. AI Magazine also maintains a calendar listing that includes nonaffiliated conferences at www.aaai.org/Magazine/calendar.php.

AAAI Sponsored Conferences

Twenty-Second International Joint Conference on Artificial Intelligence. IJCAI-11 will be held July 16-22, 2011, in Barcelona, Catalonia, Spain.

URL: ijcai-11.i3ia.csic.es

Fifth International AAAI Conference on Weblogs and Social Media. ICWSM-11 will be held July 17-21 in Barcelona, Spain

URL: www.icwsml.org

Twenty-Fifth AAAI Conference on Artificial Intelligence. AAAI-11 and IAAI-11 will be held August 7-11, 2011, in San Francisco, California USA

URL: www.aaai.org/aaai11

7th Annual Artificial Intelligence and Interactive Digital Entertainment Conference. AIIDE-11 will be held October 11-14, 2011 at Stanford University, Stanford, California, USA

URL: www.aaai.org/aiide11.php

AAAI Fall Symposium Series. The AAAI Fall Symposium Series will be held November 4-6, 2011 in Arlington, Virginia near Washington DC

URL: www.aaai.org/Symposia/Fall/fss11.php

AAAI Spring Symposium Series. The AAAI Spring Symposium Series will be held March 26-28, 2012 at Stanford University, Stanford, California, USA

URL: www.aaai.org/Symposia/Spring/sss12.php

Twenty-Sixth AAAI Conference on Artificial Intelligence. AAAI-12 and IAAI-12 will be held July 22-26, 2012, in Toronto, Canada

URL: www.aaai.org/aaai12

Conferences Held in Cooperation with AAAI

The Sixth International Conference on Knowledge Capture. K-CAP 2011 will be held June 25-29, 2011 in Banff, Alberta, Canada

URL: kcap11.stanford.edu

2011 Robotics: Science and Systems Conference. RSS 2011 will be held June 27-30, 2011, University of Southern California, Los Angeles, California, USA

URL: www.roboticsconference.org

Seventh International Conference on Intelligent Environments. IE'11 will be held July 25-28, 2011, in Nottingham Trent University, United Kingdom

URL: intelligentenvironments.org/conferences/ie11

27th Conference on Uncertainty in Artificial Intelligence. UAI 2011 will be held July 14-17, 2011, in Barcelona, Spain

URL: auai.org/uai2011

Twenty-Fourth International Conference on Industrial Engineering and Other Applications of Artificial Intelligence and Expert Systems. IEA/AIE-11 will be held June 28-July 1, 2011, Syracuse, New York, USA

URL: www.lcs.syr.edu/iea-aie2011/

The Eleventh International Symposium on Smart Graphics. Smart Graphics 2011 will be held July 18-20, 2011, Bremen, Germany

URL: www.smartgraphics.org

Fifth International RuleML Symposium on Rules. RuleML-2011 will be held July 19-21, 2011, in Barcelona, Spain

URL: 2011.ruleml.org

33rd Annual Conference of the Cognitive Science Society. COGSCI 2011 will be held July 20-23, 2011, in Boston, Massachusetts, USA

URL: cognitivesciencesociety.org/conference2011

Eighth International Conference on Informatics in Control, Automation and Robotics. ICINCO 2011 will be held July 28-31, 2011, in Noordwijkerhout, Netherlands

URL: www.icinco.org

The Fourth Conference on Artificial General Intelligence. AGI-11 will be held August 3-6, 2011, in Mountain View, California, USA

URL: agi-conf.org/2011

Eleventh International Conference on Intelligent Virtual Agents. IVA 2011 will be held September 15-17, 2011, in Reykjavik, Iceland

URL: iva2011.ru.is

Third International Joint Conference on Computational Intelligence. IJCCI 2011 will be held October 24-26, 2011, in Paris, France

URL: www.ijcci.org

Third International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. IC3K 2011 will be held October 26-29, 2011, in Paris, France

URL: www.ic3k.org

Fourth International Conference on Interactive Digital Storytelling. ICIDS 2011 will be held November 29-December 1, 2011, in Vancouver, BC Canada

URL: www.icids.org

5th International Joint Conference on Biomedical Systems and Technologies. BIOSTEC 2012 will be held February 1-4, 2012, in Algarve, Portugal

URL: www.biostec.org

International Conference on Pattern Recognition Applications and Methods. ICPRAM 2012 will be held February 6-8, 2012, Algarve, Portugal

URL: www.icpram.org