Agents, Web Services and Ontologies, Integrated Methodologies, MALLOW-AWESOME'009

(Introductory Essay of the Workshop)

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Abstract

Following the success of the previous edition held in Durham in 2007, MALLOW-AWESOME'009 wants to stimulate discussion among researchers working on Agents, Web Services, and Ontologies, in order to help the identification and the definition of Methodologies for integrating them. The realisation of distributed, open, dynamic, and heterogeneous software systems is, in fact, a challenge that involves many facets, from formal theories to software engineering and practical applications. Scientists in various research areas, such as Semantic Web, Web Services, Agents, Ontologies, are attacking this problem from different perspectives. MALLOW-AWESOME'009 attempts to provide a discussion forum for collecting and comparing such diverse experiences with the aim of fostering cross fertilization.

I. INTRODUCTION

MALLOW-AWESOME'009 is at its second edition this year, the first edition has been held in Durham, UK [1]. It was born for stimulating discussion among researchers and practitioners working on Agents, Web Services, and Ontologies, in order to help the identification and the definition of Methodologies for integrating them.

The realisation of distributed, open, dynamic, and heterogeneous software systems is, in fact, a challenge that involves many facets, from formal theories to software engineering and practical applications. Scientists in various research areas, such as Semantic Web, Web Services, Agents, Ontologies, are attacking this problem from different perspectives. MALLOW-AWESOME'009 provides a discussion forum for collecting and comparing such diverse experiences with the aim of fostering cross fertilization.

MALLOW-AWESOME'009 was in Torino, Italy, held as part of MALLOW'009, the second edition of Multi-Agent Logics, Languages, and Organisations (Federated Workshops), in Torino, Italy.

This volume contains the six papers and the three extended abstracts that have been selected by the Programme Committee for presentation at the workshop. Each paper received at least three reviews in order to supply the authors with a rich feedback. The contributions submitted to MALLOW-AWESOME'009 cover hot topics in the fields of rule-based declarative representation of services, web service a-priori composition and synchronisation, methodological issues, extensions to SOA/WS systems with agents' features, extensions of agent platforms with workflow management, applications.

Selected and expanded papers will be published as a special issue in a high-quality international journal: negotiations with the editors are still on their way.

We would like to thank all authors for their contributions and the members of the Programme Committee for the excellent work during the reviewing phase.

Matteo Baldoni
Cristina Baroglio
Jamal Bentahar
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August 13, 2009

II. WORKSHOP COMMITTEES

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Muhammad Younas	Oxford Brookes University, United Kingdom

III. LIST OF PAPERS

- Joint Achievement of Services' Personal Goals
  by *Matteo Baldoni, Cristina Baroglio, Elisa Marengo, Viviana Patti, and Claudio Schifanella*
- Verifying A-Priori the Composition of Declarative Specified Services
  by *Federico Chesani, Paola Mello, Marco Montali, and Paolo Torroni*
- Web Services Synchronization in Composition Scenarios
  by *Hamdi Yahyaoui, Zakaria Maamar, Jamal Bentahar, and Khouloud Boukadi*

- Enhancing Engineering Methodology for Communities of Web Services
  by *Mohamed Elmenshawy Mohamed, Jamal Bentahar, and Rachida Dssouli*
- Programming SOA/WS Systems with Cognitive Agents and Artifact-Based Environments
  by *Michele Piunti, Andrea Santi, and Alessandro Ricci*
- Exploiting Agents and Ontologies for Type- and Meaning-Safe Adaptation of Java Programs
  by *Viviana Mascardi and Davide Ancona*
- The CAWE Framework - Enhancing Service Oriented Architecture with Context Awareness (Extended Abstract)
  by *Liliana Ardissono, Anna Goy, Roberto Furnari, Giovanna Petrone, and Marino Segnan*
- AgentSeeker: an Ontology-based Enterprise Search Engine (Extended Abstract)
  by *Andrea Passadore, Alberto Grosso, and Antonio Boccalatte*
- WADE: An Open Source Platform for Workflows and Agents (Extended Abstractt)
  by *Giovanni Caire, Elena Quarantotto, and Giovanna Sacchi*

IV. Sponsoring Institutions

References

[1] M. Baldoni, C. Baroglio, and V. Mascardi, editors. *Proceedings of the Multi-Agent Logics, Languages, and Organisations, Federated Workshops, MALLOW'007, Agent, Web Services and Ontologies, Integrated Methodologies (MALLOW-AWESOME'007) workshop*, Durham, GB, September 2007.