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Janusz Kacprzyk, Polish Academy of Sciences, Warsaw, Poland
e-mail: kacprzyk@ibspan.waw.pl

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Preface

The 12^{th} International Symposium on Distributed Computing and Artificial Intelligence 2015 (DCAI 2015) is a forum to present applications of innovative techniques for solving complex problems in these areas. The exchange of ideas between scientists and technicians from both the academic and industrial sector is essential to facilitate the development of systems that can meet the ever-increasing demands of today's society. The present edition brings together past experience, current work and promising future trends associated with distributed computing, artificial intelligence and their application in order to provide efficient solutions to real problems. This conference is a stimulating and productive forum where the scientific community can work towards future cooperation in Distributed Computing and Artificial Intelligence areas.

Nowadays it is continuing to grow and prosper in its role as one of the premier conferences devoted to the quickly changing landscape of distributed computing, artificial intelligence and the application of AI to distributed systems. This year's technical program will present both high quality and diversity, with contributions in well-established and evolving areas of research. Specifically, 62 papers were submit-ted to the main track from over 18 different, representing a truly "wide area network" of research activity. The DCAI'15 technical program has selected 46 papers, the best papers will be selected for their publication on the the following special issues in journals such as Neurocomputing, Frontiers of Information Technology & Electronic Engineering, Journal of Artificial Intelligence (IJAI), the International Journal of Imaging and Robotics (IJIR) and the International Journal of Interactive Multimedia and Artificial Intelligence (IJIMAI). These special issues will cover extended versions of the most highly regarded works.

Moreover, DCAI'15 Special Sessions have been a very useful tool in order to complement the regular program with new or emerging topics of particular interest to the participating community. Special Sessions that emphasize on multi-disciplinary and transversal aspects, such as *AI-driven methods for Multimodal Networks and Processes Modeling* and *Multi-Agents Macroeconomics* have been especially encouraged and welcome.

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Sigeru Omatu
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Review Process

DCAI welcomed the submission of application papers with preference to the topics listed in the call for papers.

All submitted papers followed a thorough review process. For each paper was be refereed by at least two international experts in the field from the scientific committee (and most of them by three experts) based on relevance, originality, significance, quality and clarity.

The review process took place from January 20, 2015 to February 18, 2015 and was carried out using the Easychair conference tool.

The review process granted that the papers consisted of original, relevant and previously unpublished sound research results related to any of the topics of the conference.

All the authors of those papers requiring modifications were required to upload a document stating the changes included in the paper according to the reviewers' recommendations. The documents, together with the final versions of the papers, were revised in detail by the scientific committee chairs.

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