

# Preface AIC 2017

This book of Proceedings contains the accepted papers of the 5th International Workshop on Artificial Intelligence and Cognition (AIC 2017), held in Larnaca, Cyprus, during 1-3 of November, 2017.

The series of workshop AIC was launched in 2013 with the idea of fostering the collaboration between the researchers coming from the fields of computer science, philosophy, engineering, psychology, neurosciences etc. and working at the intersection of the Cognitive Science and Artificial Intelligence (AI) communities.

This edition of the AIC Workshop had a special focus on work related to problems concerning cognitively-inspired methods of Knowledge Representation and Reasoning, Knowledge Acquisition and Learning, Knowledge Processing Mechanisms in Cognitive Systems and Architectures. There were two invited talks at the meeting: from Katerina Pastra, Cognitive Systems Research Institute, Greece and Alessandro Lenci, University of Pisa and ILC-CNR, Italy. The meeting also included two panel discussions, one on Natural Language in AI and one on the nature of Cognitive Systems.

We would like to thank the participants of the workshop as well as the Program Committee Members.

AIC 2017 Chairs

Irene-Anna Diakidoy, Antonis Kakas, Antonio Lieto, Loizos Michael

## **Program Committee AIC 2017**

- John A. Bateman, University of Bremen, Germany
- Mehul Bhatt, University of Bremen, Germany
- Angelo Cangelosi, University of Plymouth, UK
- Antonio Chella, University of Palermo, Italy
- Mark A. Finlayson, Florida International University, USA
- Christian Freksa, University of Bremen, Germany
- Marcello Frixione, University of Genoa, Italy
- Salvatore Gaglio, University of Palermo and ICAR-CNR, Italy
- Peter Gärdenfors, University of Lund, Sweden
- Anna Jordanous, University of Kent, UK
- Vincent C. Müller, Anatolia College/ACT, Greece
- Alessandro Oltramari, Bosch Research, USA
- Daniele Porello, University of Bolzano, Italy
- Paul S. Rosenbloom, University of Southern California, USA
- Giulio Sandini, Italian Institute of Technology (IIT), Italy
- Steven Schockaert, University of Cardiff, UK