Awards and Distinguished Papers

IJCAI-15 Award for Research Excellence


The winner of the 2015 Award for Research Excellence is Barbara Grosz, Higgins Professor of Natural Sciences at the School of Engineering and Natural Sciences, Harvard University. Professor Grosz is recognized for her pioneering research in natural language processing and in theories and applications of multiagent collaboration.

IJCAI-15 Computers and Thought Award


The winner of the 2015 IJCAI Computers and Thought Award is Ariel Procaccia, assistant professor at the Computer Science Department, Carnegie Mellon University. Professor Procaccia is recognized for his contributions to the fields of computational social choice and computational economics, and for efforts to make advanced fair division techniques more widely accessible.

IJCAI-15 John McCarthy Award

The Trustees of the International Joint Conferences on Artificial Intelligence (IJCAI) are pleased to announce the John McCarthy research award. This award is intended to recognize established mid-career researchers that have built up a major track record of research excellence in artificial intelligence. Recipients of the award will have made significant contributions to the research agenda in their area and will have a first-rate profile of influential research results.

The award is named for John McCarthy (1927–2011), who is widely recognized as one of the founders of the field of artificial intelligence. As well as giving the discipline its name, McCarthy made fundamental contributions of lasting importance to computer science in general and artificial intelligence in particular, including time-sharing operating systems, the LISP programming languages, knowledge representation, commonsense reasoning, and the logicist paradigm in artificial intelligence. The award was established with the full support and encouragement of the McCarthy family.

The winner of the 2015 inaugural John McCarthy Award is Bart Selman, professor at the Department of Computer Science, Cornell University. Professor Selman is recognized for expanding our understanding of problem complexity and developing new algorithms for efficient inference.

Donald E. Walker Distinguished Service Award


At IJCAI-15, the Donald E. Walker Distinguished Service Award will be given to Anthony G. Cohn, professor of automated reasoning at the University of Leeds. As a pioneering researcher in knowledge representation and reasoning, Professor Cohn is recognized for his substantial contributions, as well as his outstanding service to the international, European and UK AI communities, including terms as President of IJCAI, ECAI, KR Inc., and AISB, and as editor-in-chief of the AI journal, where he made significant contributions to the success of the journal and to the wider dissemination of AI into the scientific community.

IJCAI-15 Distinguished Papers

Distinguished Papers

Recursive Decomposition for Nonconvex Optimization
Abram L. Friesen and Pedro Domingos

Bayesian Active Learning for Posterior Estimation
Kirthevasan Kandasamy, Jeff Schneider, Barnabas Póczos

Honorary Mention
Reasonable Highly Expressive Query Languages
Pierre Bourhis, Markus Krötzsch, Sebastian Rudolph

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