

# AI-2011



Connecting and informing the Artificial Intelligence community

## The AI-2011 Conference, 13-15 Dec 2011

AI-2011 is the thirty-first SGAI International Conference on Innovative Techniques and Applications of Artificial Intelligence.

The conference is aimed at those who wish to update themselves with news and views of recent developments, understand how other groups are applying the technology and exchange ideas with leading international experts in the field.



Venue: Peterhouse, Cambridge, UK.

### Core conference: Parallel Technical and Application Streams

Refereed and invited papers describing the latest innovations in and applications of AI

### Real AI Day

Invited speakers from outside academia presenting contemporary uses of AI

### Workshops

Sessions providing a focus on selected areas of AI

### UKCBR Workshop

An occasion for researchers and practitioners in Case Based Reasoning to share ideas

### FAIRS'11 - Forum for AI Research Students

FREE! Learn how to make the most of your postgraduate opportunity

### BCS Machine Intelligence Competition

Trophy and cash prize for the year's largest step towards machine intelligence

### Welcome Reception and Gala Dinner

Enjoy the world famous Cambridge hospitality

# SGAI and the AI Conference Series

SGAI is the Specialist Group on Artificial Intelligence of BCS - The Chartered Institute for IT (formerly the British Computer Society). It is currently one of the leading artificial intelligence societies in Europe, and also one of the longest established. It was founded in 1980 by Professor Donald Michie, a British AI pioneer and a wartime colleague of Alan Turing at Bletchley Park.

Its greatest strength is its balance of membership between academia and industry. It provides a forum in which the two communities can meet, and thereby aids the transfer of the newest ideas and latest developments in AI to real world problems. It has been a member of the European Co-ordinating Committee for Artificial Intelligence (ECCAI) since 1992.



The series of international conferences organised by SGAI is one of the longest running in Europe. The current Cambridge venue and December dates have become well established. The scope of the conference includes the whole range of AI technologies and application areas. Its principal aims are to review recent technical advances in AI and to show how this leading-edge technology has been applied.

To facilitate these aims, the conference programme is designed to have the broadest possible appeal throughout the AI community. The two-stream core conference is supplemented by workshops, a poster session and the Real AI Day. A special free forum for AI research students is offered in addition to the conference, on the Monday beforehand. This can be attended as a stand-alone event, but it is hoped that many research students will also take advantage of the reduced student rate for the conference. The BCS Machine Intelligence Competition gives delegates the chance to vote for the best live demonstration of machine intelligence.

Cambridge has been a key location in the history of mathematics and computing. It was where Isaac Newton and Alan Turing both studied, centuries apart. It was where Maurice Wilkes, the first president of BCS, set up one of the world's first computing laboratories. The Cambridge skyline, incorporating buildings from the very old to the very new, has an idiosyncratic charm. The narrow streets of the town centre provide a home for a myriad of interesting small shops.

*Conference Proceedings published by Springer*

*Will there be a 'must-see' presentation for you? Follow the conference preparations on Twitter @bcs\_sgai*

*To register or submit a paper, visit the website <http://www.bcs-sgai.org/conference>*

*Enquiries to the Conference Secretariat: [sgai-conference@bcs.org.uk](mailto:sgai-conference@bcs.org.uk)*