

Real Artificial Intelligence

A special one-day event showcasing

Practical Applications of Artificial Intelligence

Thursday 17 December 2009

Peterhouse College, Cambridge, UK

Real Artificial Intelligence offers delegates an introduction to Artificial Intelligence, an overview of the developments in Artificial Intelligence and a showcase of real world AI applications. The event will feature talks from leading exponents and case studies outlining practical applications of AI from a wide range of application domains. Plenty of time has been allowed in the programme for discussion and the event will close with a networking drinks reception.

Featured Presentations

Artificial Intelligence Demystified

Professor Adrian Hopgood, Dean of the Faculty of Technology, De Montfort University

An overview of how AI has developed over 50 years and an outline of various AI techniques. This talk will present a range of practical examples and provide an introduction for non-AI experts.

Whatever Happened to Expert Systems? AI-2009 Application Keynote Address

Colin Cadas and Badr Haque, Rolls-Royce

A historical perspective on the use of AI in industry, highlighting examples from Rolls-Royce and elsewhere, followed by a review of the current state of the art within Rolls-Royce and a look ahead to the future.

Corpus Callosum MR Image Classification AI-2009 Best Refereed Application Paper

Ashraf Elsayed, University of Liverpool

An approach to classifying Magnetic Resonance (MR) image data, developed at the University of Liverpool, that performs both efficiently and effectively, obtaining a classification accuracy of over 95%.

Underwater Robotics: From a Student Competition to Real Applications

Francesco Maurelli, Heriot-Watt University

The challenges and triumphs of developing and testing "Nessie", Heriot-Watt's prizewinning autonomous underwater robot, which won this year's SAUC-E competition.

Real Artificial Intelligence Case Studies, including:

Fighting Crime with AI: Dr Rick Adderley of A E Solutions will describe how AI can be used to fight crime and terrorism, through the discovery of valuable operational intelligence hidden within existing information.

True Knowledge: The internet Answer Engine: How AI was harnessed by the developers at Trueknowledge.com to make the break from search engines that return links to search engines that return facts.

Further Information

Real Artificial Intelligence and AI-2009

AI-2009, BCS SGAI's annual AI Conference, runs from 15 - 17 December 2009, and features three days of workshops, speakers and papers featuring the latest advances and applications of AI. **Real Artificial Intelligence** has been planned in close conjunction with AI-2009, and all AI-2009 delegates will be welcome at the event.

www.bcs-sgai.org/ai2009

Registration and Fees

Attendance at **Real Artificial Intelligence** costs just £125 (plus VAT) per delegate, including lunch and refreshments and the networking reception. Group discounts are available. Attendance is free to AI-2009 delegates.

Full details at www.bcs-sgai.org/realai2009

BCS Machine Intelligence Competition

BCS SGAI holds an annual competition, with a £1000 prize for demonstrations of progress towards Machine Intelligence. This year's competition will be held at Peterhouse on 16 December, the evening before Real Artificial Intelligence. Delegates may wish to extend their visit by attending the MI Competition and the AI-2009 Gala Dinner.

Contact and Further Details

Full details of the **Real Artificial Intelligence** event, including a detailed programme, discounts and contact details are available at the Real AI website.

Go to: www.bcs-sgai.org/realai2009

Or email: realai@bcs-sgai.org

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Rolls-Royce

True Knowledge

