

AISB 2007 CONVENTION: CALL FOR SYMPOSIUM PROPOSALS

2-5 April 2007, Newcastle upon Tyne, <http://www.aisb.org.uk/convention/aisb07>

The Society for the Study of Artificial Intelligence and Simulation of Behaviour (AISB) is pleased to announce its forthcoming convention to be held at Newcastle University, Newcastle Upon Tyne, 2-5 April 2007. The AISB convention is an annual event organised as a number of collocated symposia interspersed with invited plenary talks. In addition to symposia related to the theme of the convention, proposals are welcomed in all areas relating to AI and cognitive science. The theme of this year's convention is:

“Artificial and Ambient Intelligence”

Ambient Intelligence (also known as Ubiquitous or Pervasive Computing) is an emerging research area that has received much attention in recent years. As a field it is concerned with the implications of embedding computing devices into the environment, and with how human and artificial agents can make use of and interact in such technological contexts. Many of the key research issues in Ambient Intelligence can benefit from AI methods, and research into the application of artificial intelligence in this field is likely to further advance AI.

Topics of interest include (but are not limited to):

- Intelligent environments
- Computer vision in ambient intelligent and mobile systems
- Natural language processing in ambient intelligent and mobile systems
- Representation and reasoning in ambient intelligent and mobile systems
- Affective computing for ambient intelligent systems
- Learning for ambient intelligent and mobile systems
- Autonomous and autonomic systems
- Intelligent user interfaces for mobile computing
- Cognitive systems for ambient intelligence
- Modelling, acquiring and reasoning about context
- Resource adaptation
- Agency and trust in ubiquitous systems
- Distributed reasoning
- Ontology sharing

We particularly invite proposals for one- or two-day symposia on topics covering issues in Ambient Intelligence research but would like to emphasise that submissions from ALL areas relating to AI and cognitive science will be welcomed. The deadline for symposium proposals is:

August 1st, 2006 (Firm deadline)

Submissions should consist of a short (one page) case for support describing the relevance of the symposium (and including a justification for the proposed length of one or two days), and a preliminary call for papers. Please send proposals (and any questions) to **both** chairs:

Patrick Olivier (p.l.olivier@ncl.ac.uk)

Chris Kray (c.kray@ncl.ac.uk)

We are looking forward to your submission.

Patrick Olivier & Chris Kray (Convention Chairs)