Call for Papers

aaai08 chicago

Integrated Intelligence Track
Chicago, Illinois, USA
13–17 July 2008

SPONSORED BY THE ASSOCIATION FOR THE ADVANCEMENT OF ARTIFICIAL INTELLIGENCE

To solve complex, real-world problems, AI systems often must integrate component technologies, such as planning, reasoning, language, dialogue, perception, goal-driven action, and learning. Prototypical examples of such integrated systems include software agents, autonomous robots, robots that interact with humans, intelligent tutoring systems, and virtual characters. The Integrated Intelligence track welcomes submissions on issues that arise in the design and construction of such systems, and with clear evidence for the efficacy of the integrated system.

Papers submitted to this track should highlight synergistic effects of integrating components from distinct areas of AI to achieve intelligent behavior. They should articulate the innovative mechanisms used to combine multiple components and should demonstrate the synergy achieved through this integration. Topics may range from small-scale integrations of two components to large-scale efforts that support robust autonomous agents. Projects that focus on individual component technologies are not suitable for this track.

Relevant topics include the following: autonomous robot systems, robots that interact with humans, autonomous software agents, cognitive architectures, intelligent tutoring systems, intelligent user interfaces, multimodal communication, multisensory fusion, robot architectures, and virtual characters.

Papers that include clear claims about the benefits of integration and supporting evidence will receive preference. Acceptable forms of evidence include theoretical analyses, experimental evaluation, matches to human behavior, and demonstrations of new functionality, provided they examine the synergistic effects of integrating two or more component abilities.

Qualified referees drawn from a special track committee will review papers, with final selections determined by the track cochairs in conjunction with the AAAI-08 cochairs. Submissions that are deemed not relevant to this track may, at the discretion of the chairs, be considered for review in the general technical track.

Author Registration

Authors must register at the AAAI-08 II web-based technical paper submission site. (aaai. confmaster.net/pages/login.php?Conf=AAAI-II) The software will assign a password, which will enable the author to log on to submit an abstract and paper. In order to avoid a rush at the last minute, authors are encouraged to register as soon as possible.

Abstract and Paper Submission

Electronic abstract and paper submission through the AAAI-08 II paper submission site is required on or (preferably) before the deadline dates listed above. We cannot accept submissions by e-mail or fax.

Papers must be in trouble-free, high resolution PDF format, formatted for US Letter (8.5" × 11") paper, using Type 1 or TrueType fonts. Papers may be no longer than 6 pages including references, and formatted in AAAI two-column, camera-ready style (www.aaai. org/Publications/Author/author.php). Please note that these formatting instructions are for final, accepted papers; no additional pages can be purchased at the review stage. In addition, the copyright slug may be omitted in the initial submission phase. Please also refer to for instructions on how to prepare your paper for blind review.

Authors will receive confirmation of receipt of their abstracts or papers, including an ID number, shortly after submission. AAAI will contact authors again only if problems are encountered with papers. Inquiries regarding lost papers must be made no later than February 6, 2008.

Submissions to Other Conferences or Journals

Papers submitted to this conference must not have been accepted for publication elsewhere or be under review for another AI conference. However, to encourage interdisciplinary contributions, we may consider unpublished work that has been submitted or presented in part to a forum outside of AI. The guidelines of the AAAI policy on multiple submissions are fully detailed and must be carefully followed.

Review Process

Program committee members will identify papers they are qualified to review based on the information submitted electronically (the paper's title, keywords, and abstract). Their reviewing will be done blind to the identities of the authors and their institutions. Authors will have a limited opportunity to respond to initial reviews. This author's feedback may then be taken into account in the final reviews and recommendations. The program committee's reviews will make recommendations to the track cochairs. Although the track cochairs will formally make all final decisions, in practice almost all will be made earlier in the process.

Publication

Accepted papers will be allocated six (6) pages in the conference proceedings. Up to two (2) additional pages may be used at a cost to the authors of US$275 per page. Final papers exceeding eight (8) pages and those violating the instructions to authors will not be included in the proceedings. Authors will be required to transfer copyright of their paper to AAAI.

Questions and Suggestions

Concerning author instructions and conference registration, write to aaai08@aaai.org. Concerning suggestions or other inquiries, write to the II track cochairs.

Special Track Cochairs

Pat Langley (Arizona State University)
Alan Schultz (Naval Research Laboratory)

Important Dates

January 25 2008:
Abstract Submission Deadline

January 30, 2008:
Paper Submission Deadline

April 1, 2008:
Acceptance Notification