Twenty-Second National Conference on Artificial Intelligence

July 22–26, 2007 Vancouver, British Columbia

Sponsored by the American Association for Artificial Intelligence

AAAI-07 is the Twenty-Second National Conference on Artificial Intelligence (AI). The purpose of this conference is to promote research in AI and scientific exchange among AI researchers, practitioners, scientists and engineers in related disciplines. AAAI-07 will have multiple technical tracks, student abstracts, poster sessions, invited speakers, and exhibit programs, all selected according to the highest reviewing standards.

AAAI-07 welcomes submissions on mainstream AI topics as well as novel cross-cutting work in related areas. Topics include but are not limited to the following:

Agents, cognitive modeling and human interaction, commonsense reasoning, constraint satisfaction, evolutionary computation, game playing and interactive entertainment, information integration and extraction, knowledge acquisition and ontologies, knowledge representation and reasoning, machine learning and data mining, model-based systems, natural language processing, planning and scheduling, probabilistic reasoning, robotics, search, semantic web, vision and perception

Special Tracks

As in AAAI-06, we will be including several special tracks. The Nectar and AI and the Web special tracks are confirmed for AAAI-07. Other tracks are currently under consideration and will be announced in later calls for participation. The AAAI Nectar Papers track encourages cross-fertilization of ideas between specific areas of AI and the general AI community. This track will consist of papers that are based on results that have previously been presented at a sister conference. The Special Track on Artificial Intelligence and the Web focuses on the use and extension of AI techniques and concepts to the World Wide Web.

Timetable for Authors

December 1, 2006 - February 1, 2007: Authors register on the AAAI web site
February 1, 2007: Electronic abstracts due
February 6, 2007: Electronic papers due
March 26–28, 2007: Author feedback about initial reviews
April 6, 2007: Notification of acceptance or rejection
April 24, 2007: Camera-ready copy due at AAAI office

Author Registration

Authors must register at the AAAI-07 web-based technical paper submission site. 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 the software is available, scheduled for December 1, 2006.

Paper Submission

Electronic paper submission is required. Instructions about how to submit papers electronically will be available at the AAAI web site (www.aaai.org) in the fall of 2006. Papers may be no longer than 6 pages including references, and formatted in AAAI two-column, camera-ready style. We cannot accept submissions by e-mail or fax. Reviewing for AAAI-07 will be blind to the identities of the authors. Details on formatting and preparing the paper for blind review can be found at the AAAI-07 web site.

Authors should submit abstracts and papers through the technical paper submission software on or (preferably) before the dates shown in the timetable above. The software will assign paper ID number at the time of the submission.

Authors will receive confirmation of receipt of their papers 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 13, 2007.

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 work that has been submitted or presented in part to a forum outside of AI. The guidelines of the AAAI policy on multiple submissions will be fully detailed at the AAAI-07 web site 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 senior program committee, which in turn will make recommendations to the program cochairs. Although the program 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 $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 aaai07@aaai.org. Concerning suggestions for the conference and other inquiries, write to the Program Cochairs. A complete listing of the Senior Program Committee members will be available in the fall.

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