



aaai-11 – san francisco

august 7–11 – www.aaai.org / aaai11

The Twenty-Fifth AAAI Conference on Artificial Intelligence

Sponsored by the Association for the Advancement of Artificial Intelligence

AAAI-11 is the Twenty-Fifth AAAI 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-11 will have multiple technical tracks, student abstracts, poster sessions, invited speakers, and exhibit programs, all selected according to the highest reviewing standards. AAAI-11 welcomes submissions on mainstream AI topics as well as novel crosscutting work in related areas. Topics include but are not limited to the following:

Agent-based and multiagent systems ⇨ Cognitive modeling and human interaction ⇨ Commonsense reasoning ⇨ Computer vision ⇨ Constraint satisfaction, search, and optimization ⇨ Evolutionary computation ⇨ Game playing and interactive entertainment ⇨ Information retrieval, integration, and extraction ⇨ Knowledge acquisition and ontologies ⇨ Knowledge representation and reasoning ⇨ Machine learning and data mining ⇨ Model-based systems ⇨ Multidisciplinary AI ⇨ Natural language processing ⇨ Planning and scheduling ⇨ Probabilistic reasoning ⇨ Robotics ⇨ Web and information systems

Papers that extend the state of the art, and explore parts of the design space of AI that are not well explored are particularly encouraged. A full list of keywords will be available at the AAAI-10 website in the fall of 2010.

Special Tracks

In addition to its main technical papers track, AAAI-11 will include several special paper tracks on focused topics, ideas previously presented at AI sister conferences, new challenges to the AI community, or other special areas of interest. 2010 special tracks included Artificial Intelligence and the Web (AIW), Artificial Intelligence and Bioinformatics (AIB), Challenges in AI, Integrated Intelligence, Physically Grounded Artificial Intelligence (PGAI), Nectar (New Scientific and Technical Advances in Research), and Senior Member Presentations. It is anticipated that several of these will continue in 2011.

These tracks will be an integral part of the conference program and will be subject to the high standards and rigorous review that are traditional in AAAI. However, each special track will have its own submission process and review criteria, and will have its own program committee of reviewers with appropriate backgrounds.

Author Registration

Authors must register at the AAAI-11 web-

Timetable for Authors for Regular Papers and Short Papers (Posters)

- ⇨ December 1, 2010 – February 1, 2011: Authors register on the AAAI web site
- ⇨ February 3, 2011: Electronic abstracts due
- ⇨ February 8, 2011: Electronic papers due
- ⇨ March 30 – April 1, 2011: Author feedback about initial reviews
- ⇨ April 15, 2011: Notification of acceptance or rejection
- ⇨ May 3, 2011: Camera-ready copy due at AAAI office

based technical paper submission site (available December 1, 2010) before they submit their abstracts and papers. 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 after December 1, and well in advance of the February 3 abstract deadline.

⇨ Registration will close at 11:00 PM PST on February 3, 2011.

⇨ Abstract submission will close at 11:59 PM PST on February 3, 2011.

⇨ Final paper submission will close at 11:59 PM PST on February 8, 2011.

Abstract and Paper Submission

Electronic abstract and paper submission through the AAAI-11 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" x 11") paper, using Type 1 or TrueType fonts. Papers may be no longer than 6 pages including references (regular papers), and formatted in AAAI two-column, camera-ready style (see the author instructions page). 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 the 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 15, 2011.

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. The guidelines of the AAAI policy on multiple

submissions are fully detailed at the AAAI-11 website 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 area chairs and program cochairs. The program cochairs will make all final decisions following full consultations during 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 page limits 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. Papers submitted to the Nectar or Senior Member tracks are allocated four (4) pages in the conference proceedings. Please refer to the individual calls for these programs for further details.

Questions and Suggestions

Concerning author instructions and conference registration, write to aaai11@aaai.org. Concerning suggestions for the program and other inquiries, write to the program cochairs.

Program Cochairs

Wolfram Burgard (University of Freiburg, Germany) and Dan Roth (University of Illinois, Urbana/Champaign)

A complete listing of conference track organizers, area chairs, and senior program committee members will be available at the conference website.