

*Call for Participation and Call for Papers*

# Sixteenth National Conference on Artificial Intelligence

July 18-22, 1999, Orlando, Florida

*Sponsored by the American Association for Artificial Intelligence*

AAAI-99 is the Sixteenth National Conference on Artificial Intelligence (AI). The purpose of this conference is to promote research in AI and scientific interchange among AI researchers and practitioners. As always, papers may represent significant contributions to any aspect of AI, but this year we hope to emphasize several particularly timely themes: ■ New syntheses that bring together work in sub-disciplines of AI toward the creation of complete systems (e.g. architectural frameworks, learning and planning, etc.). ■ Scaling studies of AI systems, theory to support large scale systems, experimental work in bringing AI out of the laboratory, (e.g. AI on the Internet). ■ AI contributions to other disciplines in science and engineering (e.g. AI and the human genome project, AI search for use in software engineering, etc.). ■ Physical realizations of AI systems (e.g. robotics, sensing systems). The review criteria will be updated to include emphasis on these themes.

## **TIMETABLE FOR SUBMISSION**

**January 19, 1999:** Electronic submission of abstracts  
(details at [www.aaai.org/Conferences/National/1999](http://www.aaai.org/Conferences/National/1999))

**January 20, 1999:** Submission of six (6) paper copies to AAAI office  
(details at [www.aaai.org/Conferences/National/1999](http://www.aaai.org/Conferences/National/1999))

Notification mailed to designated author upon paper receipt

**January 27, 1999:** Last date for inquiries about lost papers

**March 12, 1999:** Notification of acceptance or rejection

**April 6, 1999:** Camera-ready copy due at AAAI office

## **PAPER SUBMISSIONS AND INQUIRIES**

*Please send papers to:*

AAAI-99—American Association for Artificial Intelligence  
445 Burgess Drive Menlo Park, CA 94025-3442

Registration and call clarification inquiries (only) may be sent to [ncai@aaai.org](mailto:ncai@aaai.org).

Please send program suggestions and inquiries to AAAI-99 Program Chairs:

**James Hendler**

<http://www.cs.umd.edu/~hendler>

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## Electronic Title Page

Because of the tight schedule required to assign reviewers, we require that authors who desire to submit a full paper declare their intention by sending AAAI a title page January 19, 1999. The preferred method is by using a world-wide web (www) browser such as Netscape™ to connect to the form, then filling out the form, and finally pressing the submit button. The form can be found at [www.aaai.org/Conferences/National/1999/Author/titlepage.html](http://www.aaai.org/Conferences/National/1999/Author/titlepage.html) (a link to the form is located on AAAI's home page at [www.aaai.org/](http://www.aaai.org/)). After submitting the form, the page will display a unique tracking number. Authors should print three (3) hard copies of this electronic title page and submit them with the six (6) copies of the body of their paper described below. Authors who do not have access to a web browser with forms support should mail a printed page to the AAAI office to arrive by Friday, January 15, 1999. Authors will provide:

- Title: (title)
- Author: (name of first author)
- Address: (address of first author)
- Author: (name of last author)
- Address: (address of last author)
- Abstract: (abstract: maximum of 200 words)
- Content Areas: (primary keyword), (secondary keyword), (other keyword1), (other keyword2), (other keyword3)
- Theme (optional): (one or more of the four themes mentioned above)
- Statement of sole submission: "The author(s) certifies that this paper has not been accepted by and is not currently under review for another conference or journal. Nor will it be submitted for such during the AAAI-99 review period."
- Acknowledgments: (if any)

## CONTENT AREAS

To facilitate the reviewing process, authors are requested to select *one* primary content area keyword, *one* secondary content area keyword, and up to *three* other keywords from the approved list that appears on the web site cited below. These keywords appear on the electronic title page and submitted paper. Please use only the exact phrases. Do not make up new keywords, since they will be ignored by the paper classification software. In addition, authors who feel their papers represent one or more of the special themes mentioned above should so indicate on the title page. The list of approved keywords is available at [www.aaai.org/Conferences/National/1999/Author/keywords.html](http://www.aaai.org/Conferences/National/1999/Author/keywords.html)

## PAPER FORMAT AND LENGTH FOR BLIND REVIEW

### Format

Authors are requested to submit six (6) copies of the paper for review. Double-sided copies are strongly encouraged. In order to avoid disagreements over paper length, authors are required to submit papers for review in camera-ready format. Templates and macros for AAAI format for Microsoft Word™, LaTeX, and other systems are available at [www.aaai.org/Publications/Templates/macros-link.html](http://www.aaai.org/Publications/Templates/macros-link.html). Neither computer files nor fax submissions are acceptable.

*In cases of hardship only*, authors may submit a paper for review that is not in camera-ready format. However, such submissions must be accompanied by a cover letter explaining the hardship and demonstrating that the combination of total words and figures in the review copy does not exceed the specified number of proceedings pages.

### Length

The preferred length for reviewed papers is six (6) conference pages. Authors of accepted papers may purchase up to two additional proceedings pages for their paper, for a total of eight (8) pages, at \$275 per

page, to be paid when the final camera-ready copy is submitted. In order not to give reviewing advantage to authors who are willing to pay page charges, authors may optionally submit up to a maximum of eight (8) pages for review and decide later whether to publish only six pages at no cost or to purchase additional pages.

## Blind Review

Reviewing for AAAI-99 will be blind to the identities of the authors. This requires that authors exercise some care not to identify themselves in their papers.

- A special title page will need to be prepared.
- Care must be taken in the paper body to reflect the blind reviewing process.

Details on preparing the paper for blind review can be found at [www.aaai.org/Conferences/National/1999/Author/blind-review.html](http://www.aaai.org/Conferences/National/1999/Author/blind-review.html).

## Submissions to Multiple Conferences

A discussion of multiple submission policy and rationale can be found at [www.aaai.org/Conferences/National/1999/Author/submission-policy.html](http://www.aaai.org/Conferences/National/1999/Author/submission-policy.html)

## Review Process

Program committee (PC) members will identify papers they are qualified to review based on the information electronically presubmitted (e.g., the paper's title, content areas, and abstract). Reviews will be done blind to the identities of the authors and their institutions. Reviewers will make recommendations to Senior Program Committee members, who will meet and make decisions about all submitted papers. Final decisions on all papers will be made by the Program Chairs.

## Review Criteria

This year's review criteria will reflect the AAAI's high standard of accepting quality papers that represent substantial advances to the field. Reviewers will be asked to rate papers with regard to a number of criteria including impact and originality, whether the papers represent substantial contributions to the field of AI, and whether they reflect the themes of this year's conference. More details of the review process can be found at [www.aaai.org/Conferences/National/1999/Author/review-process.html](http://www.aaai.org/Conferences/National/1999/Author/review-process.html).

## VIDEOTAPE SUPPORT

If authors feel that an understanding of the dynamic behavior exhibited by their system is an important factor in judging the technical merit of the work, they may optionally include six (6) copies of a videotape of not more than five (5) minutes duration in NTSC-VHS (US standard only) format to the AAAI office January 20, 1999, as part of their paper submission. Tapes should be labeled only with the tracking number and title of the paper submission; tapes cannot be returned.

## 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. Papers exceeding eight (8) pages and those violating the instructions to authors will not be included in the proceedings.

## COPYRIGHT

Authors will be required to transfer copyright of their paper to AAAI.