As the field of artificial intelligence matures, our ability to construct intelligent artifacts increases, as does the need for implemented systems to experimentally validate AI research. In addition, it is becoming more important to make the tangible results of our research accessible to each other, to the scientific community, and to the public at large. The AAAI-99 Intelligent Systems Demonstrations program showcases state-of-the-art AI implementations and provides AI researchers with an opportunity to show their research in action.

Researchers from all areas of AI are encouraged to submit proposals to demonstrate their systems. Submissions will be evaluated on the basis of their innovation, relevance, scientific contribution, presentation, and user friendliness, as well as potential logistical constraints. This program is primarily to encourage the early exhibition of research prototypes, but interesting mature systems and commercial products are also eligible (commercial sales and marketing activities are not appropriate in the Demonstration program, and should be arranged as part of the AAAI Exhibit Program). Demonstrations that can be used by the audience and/or that interact with the audience are particularly encouraged.

Demonstrations will be expected to be available several times during the conference. There will be several open-house events where all demonstrations will be available, and demonstrators are urged to make their demos available at other times as much as possible. As well, each demonstration will have a scheduled and advertised time during which it is the featured demonstration. Each accepted demonstration system must be attended by at least one knowledgeable representative (preferably an architect of the system) who will be available to answer in-depth technical questions at scheduled times.

Demonstration proposals must be made electronically using the forms at: www.cs.rochester.edu/research/ aaai99/isd/

Researchers who cannot access the World-Wide Web may contact the organizing committee to make alternative arrangements. In addition to contact information, proposals must include the following, all of which may be submitted via the web:

1. A two-page description in AAAI paper format of the technical content of the demo, including credits and references.

2. A 150-word summary of the demo in plain text. Please include title, demonstrators, and affiliation. This summary will be used to compile a program for the Demonstrations.

3. An informal videotape of the demo (in NTSC VHS format), or a demo storyboard of not more than six pages total. This is the committee's primary method of evaluating your proposal. Videotapes (three copies) should be mailed to the address given on the web page.

4. A detailed description of hardware and software requirements. Demonstrators are encouraged to be flexible in their requirements (possibly with different demos for different logistical situations). Please state what you can bring yourself and what you absolutely must have provided. Generally speaking, we can provide generic PCs with standard software such as web browsers, computer monitors, and peripherals such as TVs and VCRs. We will do our best to provide resources but nothing can be guaranteed at this point beyond space and power.

5. For demonstrations accessible via the web, we hope to maintain a page of links so that users can try the systems before or after the conference. Anyone interested in participating should include a URL that accesses their demo with their proposal.

Demo proposals must be received in their entirety including any supporting materials by Friday, February 26, 1999. Authors will be notified of acceptance by March 19, 1999.

We especially hope that authors of papers accepted for presentation at the conference technical program will be able to demonstrate their research in the Intelligent Systems Demonstration Program. To present a system demonstration, however, the authors must still submit a proposal conforming to the above requirements by the Demonstration program deadline.

Submitters who wish to demonstrate intelligent mechanical systems that interact with the real world (aka "robots") should direct their efforts toward the AAAI Robot Exhibition.

If you have any questions or comments about the Intelligent Systems Demonstration program, we encourage you to address them to the program committee:

George Ferguson (ferguson@cs.rochester.edu)
Chris Welty (weltyc@cs.vassar.edu)
Steve Chien (chien@aig.jpl.nasa.gov)

For general information about AAAI-99, please contact the American Association for Artificial Intelligence,

AAAI
445 Burgess Drive
Menlo Park, California 94025
ncai@aaai.org
www.aaai.org/Conferences/National/1999/