

AAAI-83 NATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE

Washington Hilton Hotel

Washington, D. C.

THE AMERICAN ASSOCIATION FOR ARTIFICIAL INTELLIGENCE would like to invite its members to attend this year's National Conference on Artificial Intelligence, August 22 - 26, 1983. This third national conference, co-sponsored by the University of Maryland and George Washington University, promotes research in the field of artificial intelligence by bringing together individuals from government, industry and academia and by providing a published record of the conference as proceedings. The three principal parts of AAAI 83 will be the Technical program, the Tutorial program and the R&D Exhibit program. Two innovations introduced this year are the Technology Transfer Symposium and two Technical workshops.

The Technical Program, slated for August 24 - 26, will present substantial, original research in an array of different AI areas, such as knowledge representation, expert systems, cognitive modelling, problem solving and inference, vision, etc. In addition to the technical presentations, panels will discuss leading technical, philosophical, and economic issues relevant to the field. Also, a limited amount of space is being provided for individuals or groups interested in conducting small group workshops on AI-related topics during the Technical program.

The Tutorial Program, scheduled for August 22 and the morning of August 23, is composed of six, four hour tutorial units. For our readers who are just becoming familiar with the different AI areas of interest, the tutorial program is an

excellent means of acquiring state-of-the-art knowledge from leading experts in these areas. This year's tutorial topics are:

- 1 An Introductory Tutorial on Artificial Intelligence
 - by Dr. Eugene Charniak
- 2 An Introductory Tutorial on Robotics
 - by Dr. Richard Paul
- 3 A Tutorial on Natural Language Processing
 - by Dr. Gary G. Hendrix
- 4 A Tutorial on Expert Systems: Part 1 - Fundamentals
 - by Drs. Randall Davis and Charles Rich
- 5 A Tutorial on Expert Systems: Part 2 - Application Areas
 - by Drs. Randall Davis and Charles Rich
- 6 AI Programming Technology: Languages and Machines
 - by Drs. Howard Schrobe and Larry Masinter

The R&D Exhibit Program, scheduled for the entire week of the conference, will present products of special interest to the AI community. As in the past, university and industrial laboratories have been invited to participate in the Exhibit program. Leading publishers and computer hardware manufacturers will have displays. Companies, academic and research laboratories, AI service organizations and publishers interested in more specific details on the AAAI 83 R&D Exhibit Program can contact the AAAI office for information.

One innovation this year, the Technology Transfer Symposium, scheduled for August 23, 2:00 - 9:30 p.m., is aimed

at individuals or organizations interested in the opportunities (as well as the drawbacks) of transferring AI techniques to an industrial setting, based on actual experiences. Speakers will discuss the technical, economic and cultural barriers and opportunities as well as case studies of systems used in industry and the military. Invited speakers are:

- Dr. Larry Harris, Artificial Intelligence Corp
- Dr. Jerrold Kaplan, Teknowledge, Inc
- Dr. Steven Polit, Digital Equipment Corp
- Dr. Earl Sacerdoti, Machine Intelligence Corp.
- Dr. Reid Smith, Schlumberger-Doll Research Laboratory
- Dr. Edward Taylor, TRW, Inc

The other innovations are the two Technical Workshops, which precede the Technical Program, scheduled for August 22 - 23. Those two workshops are:

- "Planning"
 - organized by Professor Robert Wilensky of the University of California, Berkeley
- "Sensors and Algorithms for 3-D Representation"
 - organized by Professor Azriel Rosenfeld of the University of Maryland


Individuals or groups interested in organizing additional Technical Workshops should contact the Program Committee Chairman, Professor Michael Genesereth, Computer Science Department, Stanford University

In addition to the formal parts of the conference, there will be a series of receptions and gatherings at the Washington Hilton for its attendees. This year's Gala Reception will be held at the Capital Children's Museum, an exploratorium-type of facility. Guests are invited to explore the museum while enjoying food from various buffet stations. A dixieland band will provide entertainment during the evening.

Housing is being provided at a special discount rate from the Washington Hilton. The AAAI has reserved a block of 700 rooms for AAAI-83 attendees and an additional block of 150 rooms at a special student rate. Blocks of rooms have also been reserved at surrounding hotels. The Hilton's rooms are comfortable, and the hotel offers full access to its recreational facilities. The conference brochure, which will detail the costs and times for the events and program, will be forthcoming to AAAI members. Anyone else interested in receiving a conference brochure can contact the AAAI office.

This year's conference will serve the divergent needs of our members ranging from technical presentations on theoretical aspects of AI research to discussions of obstacles to technology transfer. We hope you agree, and we look forward to seeing you at the conference!

Claudia C. Mazzetti
AAAI



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The National Conference on Artificial Intelligence in Washington D.C., August 22 to 26, 1983

With a week-long Exhibit Program. And a two-day Tutorial Program, August 22 and 23, 1983

For more information contact:
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