ARTIFICIAL INTELLIGENCE IS "HOT"...

...GET THE COLD FACTS AT FJCC '86

REGISTER: Call 1-800-722-FJCC

FALL JOINT COMPUTER CONFERENCE—2-6 NOVEMBER 1986
Artificial Intelligence (AI)

13 TECHNICAL SESSIONS

AI-1: Artificial Intelligence Technology
Chair: Dr. Elaine Kant, Schlumberger-Doll Research Center
Session 1: “Design Issues and Practice in AI Programming” (Rm. 2-H)
Tuesday, November 4, 1:30 pm–3:30 pm
Session Chair: Nancy Martin, Softi pert Systems Inc.

AI-2: Computer Vision
Chair: Prof. John Kender, Columbia U.
Session 1: “Computational Approaches to Low and Middle-Level Vision” (Rm. 4-I)
Wednesday, November 5, 10:00 am–12:00 noon
Session Chair: Prof. John Kender, Columbia U.

AI-3: Robotics
Chair: Prof. Richard Paul, University of Pennsylvania
Session 1: “Robot Perception” (Rm. 6-I)
Wednesday, November 5, 3:45 pm–5:15 pm
Session Chair: Prof. T. Kanade, Carnegie Mellon U.

AI-4: Rule-Based Systems
Chair: Prof. David Rine, George Mason U.
Session 1: “Software Engineering for Rule-Based Systems” (Rm. 5-C)
Wednesday, November 5, 1:30 pm–3:30 pm
Session Chair: Prof. David Rine, George Mason U.

AI-5: Natural Language Processing
Chair: Prof. Robert Wilensky, U. of California at Berkeley
Session 1: “User Interfaces” (Rm. 1-I)
Tuesday, November 4, 10:00 am–12:00 noon
Session Chair: Prof. Robert Wilensky, U. of California at Berkeley

9 PROFESSIONAL EDUCATION COURSES

Building Expert Systems Workshop—Sun. # 390 or Mon. # 395
Instructor: John D. McGregor, Dept. of Computer Studies, Murray State U.

Knowledge-Based Expert Systems—Sun. # 320 or Mon. # 325
Instructors: Lois Boggess and Julia Hodges, Dept. of Computer Science, Mississippi State U.

Architectures for AI Applications—Sun. # 380 or Mon. # 385
Instructor: Benjamin W. Wah, Dept. of Electrical and Computer Engineering, U. of Illinois at Urbana-Champaign.

Natural Language Processing—Sun. # 315
Instructor: Michael Lebowitz, Dept. Computer Science, Columbia U.

Machine Learning—Mon. # 950
Instructor: Michael Lebowitz, Dept. of Comp. Sci., Columbia U.

Speech Recognition: From Isolated Digits to Natural Language Dictation—Sun. # 830

Computer Vision from an AI Perspective—Mon. # 940
Instructors: John Kender and Takeo Kanade, Dept. Computer Science, Columbia U.

PROLOG & Knowledge Info. Processing—Sun. # 370 or Mon. # 375
Instructor: Douglas DeGroot, V.P. (R&D) Quintus Computer Systems

*AI Programming and Environments—Sun. and Mon. # 340

*Two day course

13 Technical Sessions (Continued)

AI-5: Natural Language Processing
Chair: Prof. Robert Wilensky, U. of California at Berkeley
Session 1: “User Interfaces” (Rm. 1-I)
Tuesday, November 4, 10:00 am–12:00 noon
Session Chair: Prof. Robert Wilensky, U. of California at Berkeley

Session 2: “Natural Language Processing” (Rm. 2-I)
Tuesday, November 4, 1:30 pm–3:30 pm
Session Chair: Prof. Richard Granger, UC at Irvine

Session 3: “Problems And Prospects Of NLP” (Rm. 3-I)
Tuesday, November 4, 3:45 pm–5:15 pm
Session Chair: Dr. Phillip J. Hayes, Carnegie Group Inc.
## FALL JOINT COMPUTER CONFERENCE—2-6 NOVEMBER 1986

### FJCC '86 CONFERENCE REGISTRATION FORM

Please send this registration form with payment to FJCC '86, INFOMART, 1500 Stemmons Freeway, Dallas, TX 75201; Phone: 1-800-722-FJCC. Advance registration discounts are available to all registration forms received, with full payment, post-marked on or before October 18. Attendees who have pre-registered for the Conference or the Professional Education Program may pick up their conference credentials beginning on Saturday, November 1 at 12 Noon until 5 PM at INFOMART/Plaza Level. Please bring your registration acknowledgment with you to save time in line. Notices of cancellation must be received in writing at the FJCC Registration Office NO LATER than October 27, 1986 in order to qualify for a refund. Allow 10 weeks after the Conference for processing of refunds.

**NAME (last) (first)**

**POSITION**

**ADDRESS**

**CITY**

**STATE**

**ZIP**

**PHONE**

MAIL LIST RESTRICTIONS: ☐ NO RESTRICTION ☐ PROFESSIONAL SOCIETY USE ONLY

**TO QUALIFY FOR MEMBER OR STUDENT MEMBER DISCOUNT, ☐ ACM or ☐ IEEE-CS MEMBER NUMBER:**

**NOTE: CIRCLE FEE FOR REGISTRATION TYPE SELECTED**

<table>
<thead>
<tr>
<th>FJCC '86 CONFERENCE</th>
<th>ADVANCE REGISTRATION (Before Oct. 18, 1986)</th>
<th>REGULAR/ON-SITE REGISTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL CONFERENCE &amp; EXHIBITS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Member</td>
<td>$150</td>
<td>$200</td>
</tr>
<tr>
<td>Non-Member</td>
<td>190</td>
<td>250</td>
</tr>
<tr>
<td>Student</td>
<td>25</td>
<td>35</td>
</tr>
<tr>
<td>Includes Conference Proceedings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ONE DAY ONLY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Member</td>
<td>90</td>
<td>120</td>
</tr>
<tr>
<td>Non-Member</td>
<td>120</td>
<td>150</td>
</tr>
<tr>
<td>No Proceedings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Circle Day:</td>
<td>MON TUE WED THURS</td>
<td></td>
</tr>
<tr>
<td>EXHIBITS ONLY (No Proceedings)</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

**Professional Education Program Course**

<table>
<thead>
<tr>
<th>Course Number(s)</th>
<th>Advance Registration (Before Oct. 18, 1986)</th>
<th>Regular/On-Site Registration (Before Oct. 18, 1986)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member</td>
<td>$200</td>
<td>$240</td>
</tr>
<tr>
<td>Non-Member</td>
<td>$250</td>
<td>$300</td>
</tr>
<tr>
<td>Sunday</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday and Monday</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A check or money order made payable in US funds to FJCC '86, for the full amount of the registration must accompany your registration form. Purchase orders will be accepted. The following credit card authorization may also be used:

Amount enclosed or authorized to charge my credit card U.S. $.___ ___.

Card No.:__

Exp. Date:__

Signature:__

Date:__

I plan to attend the Complimentary Special Joint Conference and Exhibitor’s Reception on November 3, 1986 at INFOMART.

---

**FJCC '86 HOTEL RESERVATION FORM**

Mail this form to: FJCC Housing Bureau, Dallas Convention Bureau, 1507 Pacific Avenue, Dallas, TX 75201 – Telephone: 214-954-1440. Room requests must be received by October 3, 1986. To receive special “Conference Rates,” at the hotels listed below, our staff must make your reservation. Please indicate hotel choice by writing the numbers 1, 2, 3, and 4 next to the hotels as appropriate. IMPORTANT: Phone requests for reservations will NOT be honored. FJCC Housing Bureau will acknowledge receipt of your hotel reservation request. Confirmation of your hotel reservation will be sent directly from the hotel. Please review your hotel confirmation closely for specific deposit requirements of each hotel. Deposits for rooms should be sent directly to the hotel after your receive your confirmation, and are required if you plan on arriving after 6 PM. Deposits will be refunded by the hotel if you cancel at least 48 hours in advance of the arrival date. Hotehs will not guarantee availability of your room beyond 6:00 PM unless a one night’s deposit has been sent to the hotel. DO NOT SEND DEPOSIT TO THE FJCC HOUSING BUREAU. Cancellations and changes in reservations should be made in writing to the FJCC Housing Bureau until October 3. After October 3, cancellations and changes should go directly to the hotel.

<table>
<thead>
<tr>
<th>Choice</th>
<th>Hotel</th>
<th>Single</th>
<th>Double</th>
<th>Triple</th>
<th>Suite</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Loews Anatole</td>
<td>$90</td>
<td>$104</td>
<td>$120</td>
<td>Available Upon Request</td>
</tr>
<tr>
<td>2</td>
<td>Marriott Market Center</td>
<td>$75</td>
<td>$85</td>
<td>$85</td>
<td>Available Upon Request</td>
</tr>
<tr>
<td>3</td>
<td>Wyndham*</td>
<td>$85</td>
<td>$100</td>
<td>$115</td>
<td>N/A</td>
</tr>
<tr>
<td>4</td>
<td>Viscount</td>
<td>$48</td>
<td>$52</td>
<td>$58</td>
<td>N/A</td>
</tr>
</tbody>
</table>

9% tax is applicable to all above rates.

*Block of rooms available only from October 30th through November 4th.

**NAME (last) (first)**

**POSITION**

**ADDRESS**

**CITY**

**STATE**

**ZIP**

**BUSINESS PHONE**

Check-in Date/Time: ____________

Check-out Date/Time: ____________

CS 10/86