### 1970/FJCC Conference at a Glance

#### Tuesday, November 17, 1970

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
<th>Session 3</th>
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</thead>
<tbody>
<tr>
<td>8-9</td>
<td>A Spectrum of Programming Languages</td>
<td>Modern Memory Systems</td>
<td>Design for Reliability</td>
</tr>
<tr>
<td>12-1</td>
<td>12:30-2:45</td>
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<tr>
<td>1-2</td>
<td>3:00-5:30</td>
<td>3:15-4:45</td>
<td>3:15-4:45</td>
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<tr>
<td>3</td>
<td>Operating Systems and Schedules</td>
<td>Aerospace Applications</td>
<td>Computer Procurement Requirements in Research and Development</td>
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**Keynote Address**

#### Wednesday, November 18, 1970

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<tr>
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<th>Session 7</th>
<th>Session 8</th>
<th>Session 9</th>
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<tr>
<td>12-1</td>
<td>11:30-12:30</td>
<td>10:45-12:15</td>
<td>11:30-12:30</td>
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<td>1-2</td>
<td>3:00-5:30</td>
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<td>3:00-5:30</td>
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**Conference Luncheon**

#### Thursday, November 19, 1970

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<tr>
<th>Time</th>
<th>Session 10</th>
<th>Session 11</th>
<th>Session 12</th>
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<tr>
<td>8-9</td>
<td>9:15-9:45</td>
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<tr>
<td>12-1</td>
<td>11:30-11:30</td>
<td>10:30-12:00</td>
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<td>1-2</td>
<td>2:00-2:30</td>
<td>1:00-3:00</td>
<td>10:00-11:30</td>
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<td>3</td>
<td>3:30-3:50</td>
<td>2:00-3:00</td>
<td>10:00-11:30</td>
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**Conference Bowls**

**Exhibit Hours**

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<tr>
<th>Time</th>
<th>Tuesday 10:30 a.m.-7:00 p.m.</th>
<th>Wednesday 9:00 a.m.-7:00 p.m.</th>
<th>Thursday 9:00 a.m.-5:00 p.m.</th>
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The Technical Program for the 1970 Fall Joint Computer Conference will include twenty-six sessions designed to provide a view of the latest developments and expected trends in computer hardware, software and applications. A total of seventy-four technical papers will be highlighted by speakers at the conference. In addition, nine panel discussions are planned on a number of major topics of importance to the computing field.

The conference, sponsored by the American Federation of Information Processing Societies (AFIPS), will be held November 17-19 in the Astrohall in Houston. In addition to the program sessions, the conference will feature one of the largest exhibits of computer hardware, software and services ever assembled.

According to Dr. Larry E. Axsom, Technical Program Chairman, “This Fall’s program will provide a forum for the discussion of concepts, techniques, technologies and implications of the maturing computing field. To provide broad coverage in these areas, we will have ten sessions on software, five on computer hardware, five covering interdisciplinary areas, and three each on general applications and analog-hybrid computing.”

Commenting on the various sessions, Dr. Axsom stated, “The general software area will be covered in most of its phases. In particular, considerable attention will be paid to operating systems and schedulers, languages in general, simulation systems and languages, retrieval systems, time-sharing systems, and on-line communications systems. As part of this coverage, the program will feature two “Blue Ribbon” panels who will provide a critical analysis of the current situation and expected trends in time-sharing and in the development of new programming languages.”

“In the hardware area,” Dr. Axsom added, “pertinent sessions will be held on computers and communications, architectural approaches, computer reliability, and memory systems. As part of the presentation on Computers and Communications, a special panel session will attempt to lay bare some of the problems in this field and to formulate reasonable approaches for solving them. In the area of memories, we believe that the planned session will give the attendee a good picture of what is currently being done in hierarchical memory systems development.”

“In addition to the hardware and software oriented sessions,” Dr. Axsom continued, “there are numerous other presentations which will appeal either to the specialist or to the generalist. Of particular interest are two sessions relating to the application of computers to education and teaching, and a session on government requirements which will cover the far reaching effects of legislation which has recently been passed specifying how governmental agencies can purchase their computers.”

All of the technical sessions will be held at the Astrohall. In addition, AFIPS will award a plaque for the best paper of the conference, based on the technical importance and quality of the written source document.

Special Activities . . . Big Doings in the Big State

Taking a cue from the Texas landscape, the Special Activities for the 1970 FJCC will be big, varied, lively . . . and hold a few surprises.

There are several innovations in the Special Activities Agenda this fall. On the social side, the traditional conference reception will take on a style and flavor pure Texan — becoming a real down-home barbecue (just like those out on the Pedernales), including entertainment.

For the ladies, there are some Texas-size treats in store. Their program is one of the most ambitious ever undertaken, and will include tours of some of Houston’s most interesting areas, shopping expeditions, a fashion show, and a special tour of the NASA Manned Spacecraft Center.

The Science Theater has been given a new format which revolves around a series of special presentations. Among these are a number of film and videotape presentations, most of which are being prepared especially for this conference by the NASA Manned Spacecraft Center, Argonne National Laboratories, and other major state-of-the-art computer installations. Additional presentations are planned, including one on “Shakey the Robot” developed at Stanford University. A moderator will be present to introduce each presentation and answer questions afterwards.

Enhancing the scientific side of the Special Activities program will be scheduled visits to various Houston-area computer installations, highlighted by an extensive tour of the NASA Manned Spacecraft Center. A special effort is being made to provide all conference attendees an opportunity to see the NASA facilities.

Guest speakers for the keynote session and the Conference luncheon give promise of adding a new dimensions to the Conference program. The keynote speaker is, appropriately, an internationally recognized native Texan, Mr. Ross Perot who will address the Conference theme “Systems and Society.” Mr. Perot, President and Chairman of the Board of one of the nation’s leading computer service companies, has himself established an active position of leadership in social consciousness and philanthropy.

Art Buchwald, the noted satirist and humorist, will be the luncheon speaker.

Registration
Conference “Site” Registration will be:
Monday, November 16
6:00 pm - 10:00 pm Astrohall
Tuesday, November 17
8:00 am - 6:00 pm Astrohall
Wednesday, November 18
8:00 am - 7:00 pm Astrohall
Thursday, November 19
8:00 am - 5:00 pm Astrohall

Hotel Registration hours will be:
Mon., Nov. 16 5:00 pm - 9:00 pm
Tue., Nov. 17 8:00 am - 12:00 noon
At the: Holiday Inn, Astroworld
Marriott Motor Hotel
Rice Hotel
Shamrock Hilton

Houston Intercontinental Airport Registration hours will be:
Mon., Nov. 16 12:00 pm - 9:00 pm
Tue., Nov. 17 8:00 am - 12:00 noon

Registration Fees are as follows:
Members of:
ACM, ACF, AICPA, ASA, ASIS,
IEEE, ISA, SCI, SIAM, SID, SLA.
$20.00 (includes Proceedings)
Non-Members:
$40.00 (includes Proceedings)
Full-time students:
$5.00