                        Technical Meeting
            Digital Image Processing Software Systems
                        July 17-18, 1973
                University of Southern California

The University of Southern California Image Processing Institute in
conjunction with the Advanced Research Projects Agency, Information
Processing Techniques Office is sponsoring a technical meeting on
digital image processing software systems. The meeting will be held at
USC on July 17-18, 1973. The purpose of the meeting is to consider the
existing hardware facilities and software systems suitable for large
scale image processing operations over the ARPANET. Additionally,
preliminary consideration will be given to the potential development of
universal image processing software that will be of utility to the
entire image processing R & D community.

Representatives of interested organizations are invited to attend the
technical meeting. Attendees should contact:

        Professor William K. Pratt
        Olin Hall, Room 330H
        University of Southern California
        University Park
        Los Angeles, California 90007
        (213) 746-2694

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                DIGITAL IMAGE PROCESSING SOFTWARE SYSTEMS
                          July 17-18, 1973
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                      Los Angeles, California

                              AGENDA
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17 July 1973

        Powell Hall - Room 101

1:00   Introduction; informal tour of USC image processing facilities

        Seaver Science Center Conference Room

        Image Processing Hardware and Software
        Moderator: Bill Pratt - USC

2:00   ARPA Image Processing Programs
        John Perry - ARPA/IPT

2:30   UCLA Campus Computer Network Computational Facilities
        Bob Braden - UCLA

3:00   Lawrence Berkeley Laboratories Computational Facilities

3:30   ILLIAC IV Computational Facilities
        Clark Oliphant - Computer Center Corp.

4:00   Coffee Break

4:30   VICAR Image Processing Software
        John Krasner - JPL

5:00   LARSYS Image Processing Software

5:30   PAZ II Image Processing Software
        Azriel Rosenfeld - University of Maryland (tentative)

          Faculty Center

6:30   Cocktail Hour

7:30   Dinner

8:30   Discussions of Other Image Processing Software
          PECOS   -   - ESL, Inc.
          LADIES   - Bob Hunt   - Los Alamos
          KANDIDATS - R. Haralick - Kansas

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          Seaver Science Center Conference Room

9:00   Group discussion

          Moderator: John Perry
          - requirements of user community
          - advantages and disadvantages of existing software systems
          - desired properties of a software system

10:30   Coffee Break

11: 00   Group discussion continuation
          - proposals for adoption of a universal image processing
            software

12:00 Meeting ends