

Network Working Group
RFC # 526
NIC # 17162

Dr. William K. Pratt
USC
June 25, 1973

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:

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(213) 746-2694

Technical Meeting
DIGITAL IMAGE PROCESSING SOFTWARE SYSTEMS
July 17-18, 1973
University of Southern California
Los Angeles, California

AGENDA

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

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

18 July 1973

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

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