ADVANCE PROGRAM

fifth
joint college curricula workshop in

COMPUTER SCIENCE,
ENGINEERING
AND DATA PROCESSING

At the Sheraton Jet Port Inn, Beeline Expressway/Orlando, Florida/February 2-3, 1978

Co-sponsored by the IEEE Computer Society and the Association for Educational Data Systems.

THURSDAY, February 2

8:45 - 9 am  Greetings and Introductions; Dr. Ralph Lee, University of Missouri.
9 - 10 am  "Microcomputer systems for teaching programming and systems in small colleges", Dr. David C. Braught, Illinois Wesleyan University.
   (coffee break)
10:30 - 11:30 am  "Two-year curriculum in computer science and engineering: from the core material", Dr. Michael Mulder, Bonneville Power Administration.
1:30 - 2:30 pm  "A digital lab for small colleges", Professor William Fletcher, Utah State University.
   (coffee break)
3 - 4 pm  "A new course in intro. to computing in a computer science and engineering program for colleges", Dr. David Rine, Western Illinois University.
7 - 9 pm  Contributed paper sessions from college and enterprise participants.

FRIDAY, February 3

9 - 12 am  Professor Joyce Little, Community College of Baltimore.
9 - 10:15 am  A discussion of course content, curricula, instructional systems, computer applications, hardware and software required to support educational programs in computer science and data processing. An appraisal of data processing programs at American community and junior colleges.
   (coffee break)
10:45 - 12 am  Discussions on computer education for management and information specialists. A review of new and existing programs in computer science especially designed for the undergraduate, two-year programs by junior colleges, community colleges and colleges, programs which may eventually lead to a B.S. degree. Transfer of credits. Interfacing of two and four year college programs. Terminal programs and other programs that could encourage more advanced study.
CO-CHAIRMEN:

Professor David Rine, Western Illinois University
Professor Ralph Lee, University of Missouri

The workshop will cover a wide range of topics concerning computing and data processing education. Late registration will be at the Inn Wednesday evening from 7-10 and during the workshop.

IEEE COMPUTER SOCIETY
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

FRIDAY, February 3 (continued)

1:15 - 2:15 pm Professor Gerald Engel, V.I.M.S. and Old Dominion.
The evaluation of computer science and data processing courses, curricula and computer-based instructional applications for colleges, community colleges and technical schools. Proposed, new and existing courses and degree programs designed to prepare teachers of computer and information sciences will be discussed.

2:45 - 4 pm "CAI, industry needs, and placement of two-year graduates", presented by computer education specialists from the southeastern geographical area.

Techniques for the determination of student learning performance with computer assisted instruction will be presented. The needs of industry will be identified and recommendations will be made on how educational institutions should meet these needs. The placement of the graduate of two-year technical programs in computer science will be considered as well as future demand for such graduates.

REGISTRATION

PRE-REGISTRATION FEE: $35 for members of the IEEE, IEEECS or AEDS
$55 for others

REGISTRATION AT WORKSHOP: $45 for members
$65 for non-members

A copy of the Computer Science and Engineering Model Curricula Text and a copy of the workshop proceedings, published by the IEEE Computer Society, will be included in the registration fee.

Application for pre-registration
(please print)

My check for $_________ is enclosed.

Name ____________________________
Affiliation _______________________
Address _______________________

For pre-registration, send appropriate fees to:
Harry Hayman, Exec. Secretary
IEEE Computer Society
P.O. Box 639
Silver Spring, Maryland 20901

Deadline for pre-registration is January 27, 1978.

Please send me accommodations and travel information on
the Fourth Joint College Curricula Workshop
in Computer Science and Engineering
to be held February 2-3, 1978
at the Sheraton Jetport Inn, Orlando, Florida.

Name ____________________________
Affiliation _______________________
Address _______________________

For accommodations and travel information, write:
Professor Ralph Lee,
Computer Center
University of Missouri-Rolla
Rolla, Missouri

or

The Sheraton Jetport Inn
Orlando, Fla.

Sheraton conference rates include airport shuttle bus and transportation to/from Disney World and Sea World.