SIGGRAPH

JUNE '87

ASSOCIATION FOR COMPUTING MACHINERY
Los Angeles ACM / Special Interest Group on Computer GRAPHics
P.O. Box 90698, World Way Postal Center, Los Angeles, CA 90009

:GMEETING....: STEREOSCOPIC COMPUTER GRAPHICS.
:GDATE.......: TUESDAY, JUNE 9, 1987.
:GCOORDINATES: UCLA, MOORE HALL, ROOM 100,

)4 Hillgard Ave., LA (Westwood).   UCLA is just
ist of the San Diego Fwy., between Wilshire and
inset Blvds. Park in lot #2 ($3.00) if possible.

ie meeting is $1.00 for LA ACM/SIGGRAPH members —
).00 for nonmembers.   A social hour, with
:freshments, will begin at 6:30 pm, with the
·ogram following at 7:30.

ie June meeting will feature computer generated
iagery, photographed and displayed with stereo-
:opic techniques, and accompanied by computer
rnthesised music. A stereo photo is created by
:cording the image of an object from two separate
.ewpoints. When viewed with a binocular viewer,
iich offers separate images to each eye, a sense
: 3-D depth is created.

: will see several examples of stereo imagery,
icluding photos from L. A. Labs. Also, Brad de
:af, formerly of Digital Productions, will
:esent stills from a five minute stereoscopic
)mputer animated film, produced by Digital
:oductions, for the Hitachi Pavillion at the 1985
cpo in Japan. The working slides to be presented
:re used to test the quality of the steroscopic
:fect. NANCY COLLIER.

)ologies are in order for the late, and abbre-
iated, newsletter. As Editor, I am responsible
)r meeting publication dates.   However, this
:wsletter is a collaborative effort, and I do
:pend on promt submission of material. With this
:sue, in particular, critical information was not
:ceived until June 3.   If you receive your
:wsletter late, from time to time, feel free to
ill (213) 392-1074 or (213) 280-1179 for meeting
iformation.

ELECTION OF 1987-1988 LA ACM/SIGGRAPH OFFICERS

f you are a voting member of LA ACM/SIGGRAPH, the
)llowing ballot may be used to vote for officers
)r the 1987-1988 year. The ballot (or a facsim-
le) may be brought to the June ninth meeting, or
iiled to LA ACM/ SIGGRAPH P. O. Box 90698, World
iy Postal Center, Los Angeles, CA 90009.

he names below have been entered as nominees.
idicate your choices and/or enter a write-in
)te:

CHAIRMAN..............: James A. Banister _____

Write-in _____

VICE CHAIRMAN.............: Richard Bliss _____

Write-in _____

VICE CHAIRMAN.................: Ken Cope _____

Write-in _____

SECRETARY................: RACHEL BLACHLY _____

Write-in _____

TREASURER.................: GORDON CLARK _____

Write-in _____

>>>>> SIGGRAPH 87 HIGHLIGHTS <<<<<

SIGGRAPH 87 promises to be an exciting event.
over 100,000 feet of exhibit space has been leased
to 251 vendors. These vendors will be presenting
products and demonstrations which include 3-L
images on a universal liquid crystal stereoscopic
display, a 300 dot/inch display (res. equal to a
lazer printer), a high-speed processing engine
which can animate up to 50,000 polygons/second
with constant Gouraud or Phong shading, an
interactive ray tracing system, a PC based real-
time 3-D animation system with 5 MIPS performance,
and software tools which offer reusable components
for building window and icon-oriented graphical
user interfaces.

The jury has selected entries for the '87 Film and
Video Show. Featured pieces will include "Peppy"
from Toyo Links, Japan, a pineapple in a sombrerc
playing a ukulele. "Fabricated Rhythm," from AT&T,
shows pieces of cloth draped around mannequins;
"Stanley and Stella," from the Symbolics Graphics
Division and WDP will use behavioral animation tc
tell a love story between a bird and a fish; and a
simulated shuttle takeoff will be shown by NASA,
which includes the whole launch pad, texture
mapping of the ocean, computer generated smoke and
exhaust, and the sound from an actual launch!.

>> SIGGRAPH '86 A STUDENT VOLUNTEER'S VIEW <<

iis year's ACM/SIGGRAPH Conference was held in illas, Texas August 18-22. The conference is ich more than a trade show with a few classes and inel sessions. The energy at the event creats a iole which is much greater than the sum of its irts. Those just starting into the field of imputer graphics should consider voluteering to :lp with next year's event in Anaheim. We will : publishing hints throughout the year on how to :nefit from this type of event and details will : forthcoming on the credits you may earn by ilunteering; these include admission to :tivities, course notes and proceedings - all of iich can be prohibitively expensive if you are a :udent on a limited budget.

ie following is a volunteer's view of this year's inference. Mary Feyereisen is a student in the intinuing Education Program for Graphic Design at ie University of Minnesota.

3eing a volunteer, I was privileged with every ib imaginable; from crowd control at the lectronic Theatre to badge checking at the Human imputer Interaction Session; course lunches to agistration; the accounting office to the iimation Screening Room. My free time was insumed with the exhibition Hall, art shows and aeting talented individuals with whom I will be irking someday.

Through this, I learned creativity and technology an function individually, but united this imbination produces the computer graphics idustry. 'What doe our future hold with this instantly changing field?' This is a question ith which I was faced. There are no limits to hat our artists and programmers can do; the only imits are those which we inscribe for ourselves nd our industry. I see a new generation of imputers and wizards and together they will nswer the questions our future demands through uture SIGGRAPH Conferences.

The conference was exciting for me, as well as ir many other volunteers and attendees. I will it hesitate to volunteer next year or the year fter or until I finish my design program. Then, f course, I will be one of the 22,000 or more ttendees. I learned that this is the place to ake your contacts, present your ideas and learn rom others. See you in Anaheim!"

IRY M. FEYEREISEN.

ir information about volunteering for this year's inference, contact James A. Banister, Assistant ilunteer Coordinator, TRW MS R1/1062, One Space ark, Redondo Beach, CA 90278.

>>>> 3-D GRAPHICS UPGRADE FOR PC AT SYSTEMS <<<<<

mage Works, 1316 Third Street Santa Monica, CA 0401, reports that it has introduced new polices hich allow current owners of IBM PC AT (or clone) ased systems to upgrade to the Digital Arts 3-D ranhics systems which feature a nowerful 64 hit

>>>>> GRAPHICS ILLUSTRATOR NEEDED <<<<<

Mariiah Inc. is looking for an illustrator/artist with DOS and EGA paint package experience. Must have strong freehand ability and be capable of drawing characters and objects in 16 color EGA res. Text and object animation experience a big plus. Project is freelance contract basis, approximately 6-8 weeks with possible extensions. Please send resume and portfolio samples to: Rich Cook, Mariiah Inc., 270 North Canon Dr., Suite 103, Beverly Hills, CA 90068.

>>>>> CALENDAR OF LOCAL EVENTS <<<<<

JUNE 9: LA ACM/SIGGRAPH MEETING: Stereoscopic Computer Graphics. UCLA, Moore Hall, Room 100. Social: 6:30pm, Meeting: 7:30pm. Info: (213) 392-1074 or (213) 280-1179.

JUNE 15: IICS/LA MONTHLY MEETING - Sony Showcase of Video Equipment (possibly including the DVR-1000 4:2:2 Component Digital Video Recorder). Sony Corp., 10833 Valley View, Cypress (Valley View & Katella), 7:00 pm.

JUNE 16: WOMEN IN DESIGN - Potluck at Emilie Kong's Studio, bring portfolios to share. Discussion: "The Superwoman Syndrome." 7 pm. Info: (213) 452-1341.

JUNE 16: VISUAL MUSIC ALLIANCE (VMA) - Ron Hayes on large scale multimedia events. EZTV Video Gallery, 8547 Santa Monica Blvd., West LA, 7:30pm. Ange Pike (818) 885-7316.

JUNE 19: LA SIGGRAPH NEWSLETTER DEADLINE. Send submissions to: Randy Randall, LA SIGGRAPH, 10000 Washington Blvd., Suite 400, Culver City, CA 90232; (213) 280-1179. FAX: (213) 280-1042.

JULY 1: LA/ACM MONTHLY MEETING - Info: Mary Ellen Brennan (213) 336-7250.

JULY 2: NCGA LOCAL CHAPTER MEETING. Social: 6pm, Meeting: 7pm. Info: Kathy Talbert, (818) 988-2600, ext. 4117.

JULY 2: INDEPENDENT COMPUTER CONSULTANTS MEETING - Proud Bird Restaurant, 11022 Aviation Blvd., LA. Social: 6pm, Dinner: 7pm, Speaker: 8pm. Reservations: (805) 252-3736.

>>> NATIONAL/INT'L EVENTS & CONFERENCES <<<

JUNE 8-10 ACM SYMPOSIUM ON COMPUTATIONAL GEOMETRY -University of Waterloo, Ontario, Canada, N2L 3G1, or call Derick Wood, Computer Science, Univ. of Waterloo at 519-888-4456.

JULY 25-26: NATIONAL CUBICOMP USERS GROUP - in conjunction with SIGGRAPH 87, Anaheim Convention Center. Debbie Winsberg (818) 365-8627.

July 27-31: SIGGRAPH 87 CONFERENCE - Anaheim Convention Center, Anaheim, California. Exhibits only: $15.00/3 days - buy on site. Advance Registration Programs available at June LA ACM/SIGGRAPH meeting.