

Los Angeles Chapter

SIGGRAPH

PRESENTS

THE ARTIST THE DESIGNER AND COMPUTER GRAPHICS

October 30-31, 1982

An opportunity to experience and explore the latest and the best of computer graphics and imaging—blending high technology with the visual arts.

In the elegant setting of the country's leading design college

ART CENTER COLLEGE OF DESIGN

TECHNICAL SESSIONS

Design
Fine Art
Animation
Videography
Special Effects
Business Graphics
Electronic Color
Advertising

Featuring

John Whitney, Sr., Keynote Speaker
James Blinn, Jet Propulsion Laboratory
Maxine Brown, ISSCO
Art Durinski, Information International Inc.
Ed Emshwiller, Provost, Dean of Film & Video
at California Institute of the Arts
Bill Kovacs, Robert Abel & Associates
Ted Naanes, Evans & Sutherland

The Showcase provides a technical and artistic overview of the field of computer graphics. The program will feature discussions of techniques and aesthetics of computer graphics, art and graphics exhibits, and a film and video festival.

SCHEDULE FOR SHOWCASE

SATURDAY, OCTOBER 30th

SUNDAY, OCTOBER 31st

8:00 Registration
 9:00 Opening: Nick Pavlovic
 Keynote: John Whitney, Sr.
 10:00 Computer Generated Commercials
 11:00 Scientific Animation
 12:00 Lunch and Vendor Exposition
 2:00 3-D Simulation Modeling
 3:00 Computer & Architectural Space
 4:00 Forum: Futures in Design

9:00 Registration
 10:00 Film and Video
 11:00 Art and Animation
 12:00 Lunch and Vendor Exposition
 2:00 Art of Business Graphics
 3:00 Electronic Color
 4:00 Forum: Computer Graphics
 within a Budget
 5:00 Film and Video Festival

EXHIBITS OPEN 10:00 TO 4:00

TECHNOLOGY REVIEW

Panel discussion on the future of computer graphics and low-cost design

TECHNICAL FORUM

Special intimate demonstrations of design and art applications

FILM AND VIDEO FESTIVAL

Sunday evening special with the latest in computer generated art, animation, and special effects

COMMERCIAL PRESENTATIONS

Hands-on demonstrations and presentations by suppliers of graphics systems

ART EXHIBIT

Display of computer assisted art and design graphics

DEMONSTRATIONS

On-going audio-visual presentations of computer-aided design and graphics

ADVANCE REGISTRATION: Members or alumni only \$25 for both days, all others \$35. Make check payable to Treasurer, L.A.SIGGRAPH

Mail to NICK PAVLOVIC, CHAIRMAN, 5672 YORK BLVD., LOS ANGELES, CA 90042; (213)256-2313

LIMITED REGISTRATION

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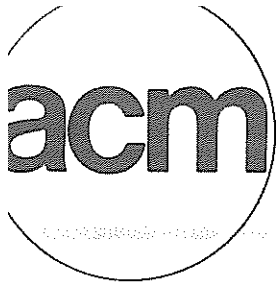
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Los Angeles Chapter

SIGGRAPH

The ARTIST and COMPUTER GRAPHICS

LA SIGGRAPH presents

An 80's Showcase featuring new directions in Computer Graphics

30 and 31 October 1982

Art Center College of Design
1700 Lida Street
Pasadena, California

featuring

John Whitney, Sr.

with

Fine Art and Animation

Saul Bernstein
Professor of Art

Animation and Simulation

Jim Blinn
Jet Propulsion Laboratory

Art of Business Graphics

Maxine Brown
ISSCO Graphics

Film and Video

Ed Emswiler
Provost & Dean of Films and Video, CalArts

Films and Advertising

Bill Kovaks
Robert Abel Films

Science and Technology

Ted Naanes
Evans and Sutherland

PLUS

Vendor Forum

Exhibits

Futures Panel

Low Cost Computer Graphics for everyday use

** Sunday Night **

Computer Graphics Show

Two day registration: \$25

One day registration: \$15

Special Interest Group on Computer Graphics

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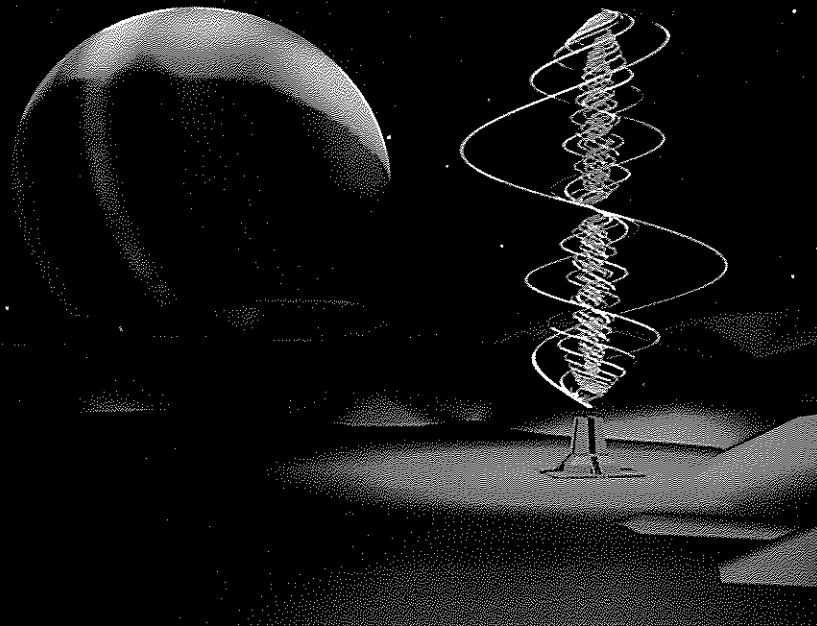
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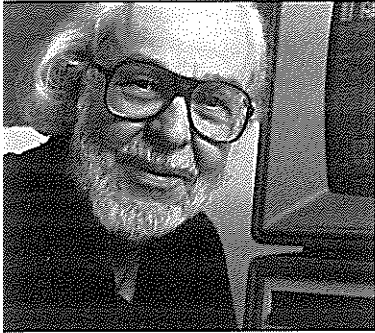
THE DESIGNER AND COMPUTER GRAPHICS SHOWCASE

This showcase, devoted to the use of computer graphics in art and design, is the first of its kind. The need for a user-oriented forum became evident with the advances in color and design capabilities offered by manufacturers of computers and graphics software. Computers are more economical and easier to use than ever before. The showcase offers an introduction to the many possibilities of the computer in art and design.

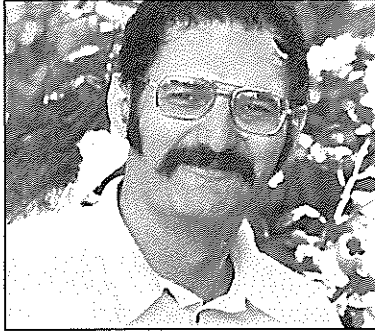
LOS ANGELES CHAPTER OF ACM SIGGRAPH

ACM's Special interest Group on Computer Graphics, SIGGRAPH, is dedicated to the communication and dissemination of information on the various technologies and applications that make up the computer graphics industry. In addition to presenting this showcase, Los Angeles' SIGGRAPH will be presenting special seminars and tutorials on various aspects of computer graphics. The chapter also maintains an up-to-date library of audio-visual material.

John Whitney, Sr.



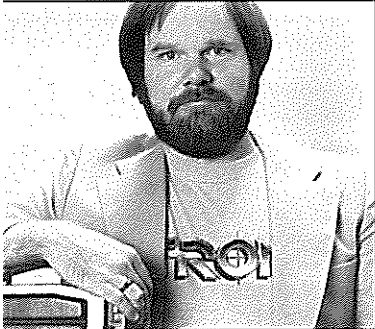
Nick Pavlovic



Joan Collins



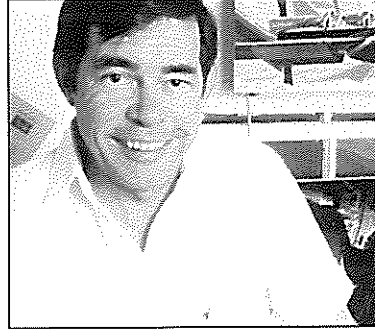
Joe Henry, Margaret Brucato, Ed Hanak



Peter Sorensen



Sandra Miles



Syd Mead



David Em

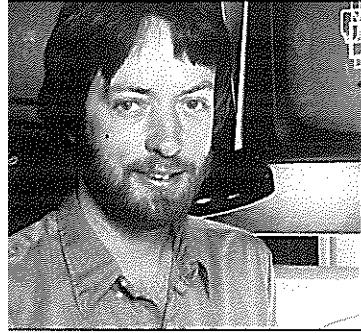
JOHN WHITNEY, SR.

The showcase is proud to feature John Whitney, Sr. as the keynote speaker. Mr. Whitney's innovations and inventions of many cinematic techniques are used in motion picture special effects as well as film and television titles and edits. The principles of his slit-scan motion control processes were used in the stargate-corridor sequence of *2001: SPACE ODYSSEY*, the stunning time warp phenomena of *TAR WARS*, and the streak titles for *SUPERMAN*. He was awarded a grant from the National Endowment of the Arts in 1980 to complete a film which will be a teaching document on the subject of his book, *Digital Harmony*.

COVER

The cover design is a composite of John Whitney, Sr.'s *Harmonic Function* and Digital Production's *Cray Tower*. This digital scene-simulation, produced using a Cray IS/1000 computer and Ramteck 9400 display, is an example of the photographic reality in computer-based imagery currently being developed at Digital Productions.

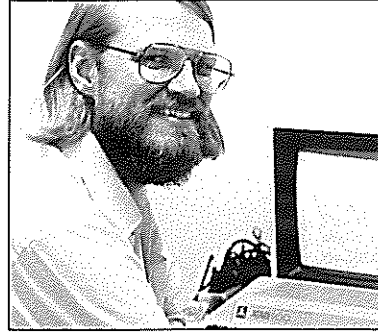
John Durinski



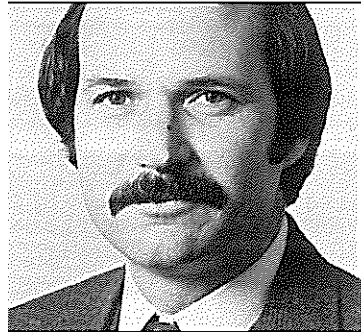
Maxine Brown



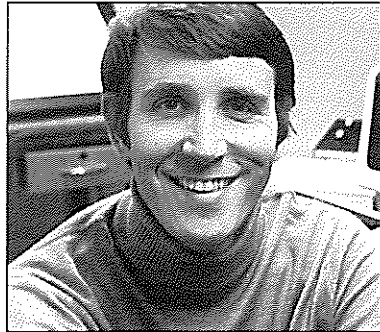
James Blinn



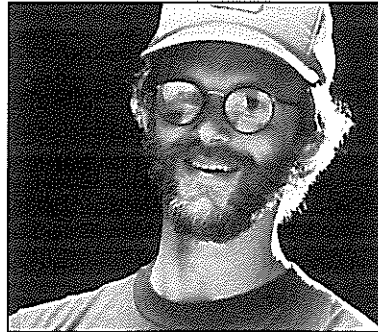
Ed Arroyo



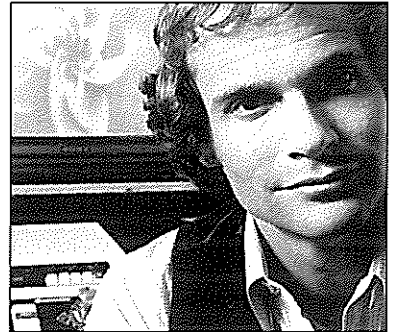
Donald Fullenwider



Bill Kovacs



Richard Taylor



Ron Hays

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Program Chairman	KELLY CROCKETT
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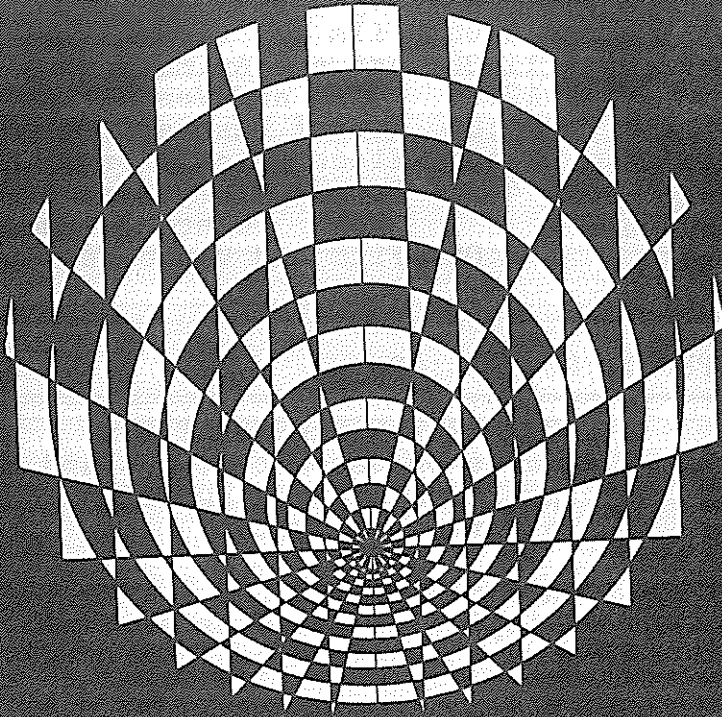
SHOWCASE ADVISORY

SPENCER L. MACKAY, *President, Art Center College of Design Alumni Association*
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ED HANAK, *Vice President, Art Center College of Design*
DON WILLIAMS, *ACM SIGGRAPH Board Member*
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MARSHA HOPWOOD, *National ACM Liaison*
DAN ASHCRAFT, *Kaneko, Metzgar, Ashcraft Design*
JIM SHERBURNE, *Calty Design Research, Inc.*

SPECIAL THANKS

General Electric - *Donation of G.E. Light Valve*
Art Center College of Design, Staff
IEEE Computer Society
Information International, Inc. - *Mailer Image*
Carmen Ruggero - *Program Photographs*
Janek Kaliczak - *Video Documentation and Appleflex*
Kaneko, Metzgar, Ashcraft Design - *Graphic Design*

Cover courtesy of Digital Productions, Los Angeles, CA
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The Artist, the Designer, and Computer Graphics

Keynote Speaker: John Whitney, Sr.

TECHNICAL SESSIONS

Fine Art
Animation
Design

Videography
Special Effects
Video

Film
Science
Business Graphics

with

Ed Emshwiller, Provost, Dean of Film
& Video, Cal Arts

Jim Blinn, JPL

Bill Kovacs, Robert Able Films

Ted Naanes, Evans & Sutherland

Maxine Brown, ISSCO

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In the elegant setting of the country's leading design college
ART CENTER COLLEGE OF DESIGN
October 30-31, 1982 • Pasadena, California

SPONSORED BY



ACM SIGGRAPH, Los Angeles
Chapter

Art Center College of Design Alumni Association



IEEE Computer Society
Los Angeles Chapter

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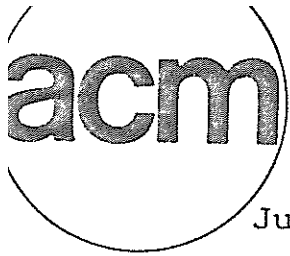
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Los Angeles Chapter

SIGGRAPH

July 28, 1982

CONTACT: Nick Pavlovic
TEL: (213)256-2313

FOR IMMEDIATE RELEASE

Special Interest Group on Computer Graphics

THE DESIGNER AND COMPUTER GRAPHICS

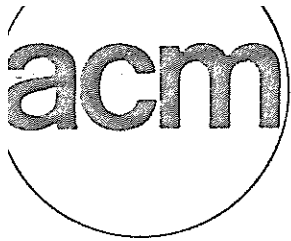
Pasadena, California... THE DESIGNER AND COMPUTER GRAPHICS Showcase will be held Saturday and Sunday, October 30 and 31 at the Art Center College of Design.

The two-day showcase will give creative artists and designers a chance to experience the latest in computer graphics in the elegant setting of the country's leading design college: The Art Center.

The leading edge of computer graphics technology represented at this showcase will likely make this the most significant computer graphic art and design event of the year. Two of the eminent speakers will be John Whitney Sr., innovator of 'slit-scan' special effects for film and the author of Digital Harmony; and Ed Emshwiller, renowned for experimental graphic effects in video at N.Y.I.T.

Intimate technical sessions will provide interactive contact and hands-on demonstrations. The latest in contemporary computer artwork will be on exhibit at the Art Center Atrium. One of the highlights of the showcase will be the film and video festival. Borrowing a TRON phrase, "It will remind you of something you've never seen before!"

For information and registration, address all correspondence to Nick Pavlovic, Chairman, L.A. SIGGRAPH, 5672 York Blvd., Los Angeles CA 90042. Advance registration fee is \$25 for SIGGRAPH, IEEE and Art Center Alumni, and \$35 for all others. The fee includes all events for both days. Limited registration. Check or money order payable to Treasurer, L.A. SIGGRAPH.



Special Interest Group on Computer Graphics

JOHN WHITNEY, SR.- Computer Graphics innovator and developer of the 'slit-scan' process used to create the special effects in contemporary films. Author of Digital Harmony, a land mark book on the duality of music and visual art. Film producer of Arabesque, and Permutations.

JAMES BLINN - Designer of computer graphic effects in the Voyager Saturn Fly-By simulation for Jet Propulsion Laboratory. Consultant to Lucas Films Ltd. Instructor at the Art Center. Creator of computer animation for the PBS Cosmos series.

MAXINE BROWN - Spokeswoman for Marketing Communications at ISSCO. Secretary of the national SIGGRAPH computer graphics organization. National speaker on Computer Groups.

ART DURINSKI - Designer and Art Director of digital scene simulation for Information International Inc. Object Digitizer in the Computer Generated Images Unit for the Disney movie, TRON. Instructor of 'Motion Graphics' at UCLA.

ED EMSHWILLER - Provost and Dean of film and video at the California Institute of the Arts. Renowned for experimental graphic effects in video at N.Y.I.T. Creator of Sun Stone, Scope-mates, and Relativity.

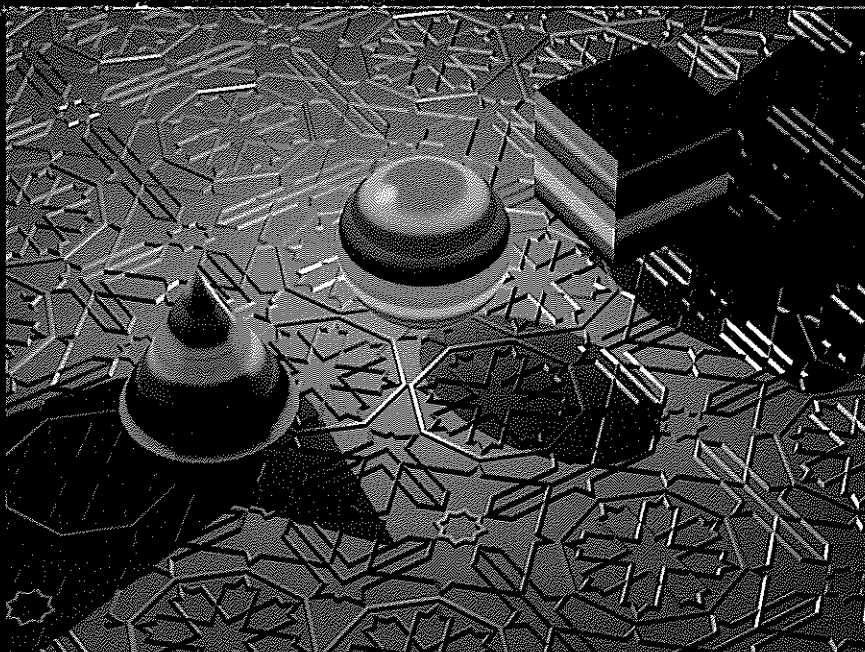
BILL KOVACS - Representing Robert Abel & Associates, producers of television commercials for 7-Up, Levi Strauss and Braun Shaver. Responsible for the main title design and some computer generated special effects in the Disney movie, TRON.

TED NAANES - Representing Evans and Sutherland, leader in the creation of real-time simulation and design.

PETER SORENSEN - Computer animation consultant and Art Director. Created the documentational article on TRON in Cineffex magazine

* The event is sponsored by the Los Angeles Chapter of ACM / SIGGRAPH, (The Association for Computing Machinery / Special Interest Group on Computer Graphics), and in cooperation with the National SIGGRAPH organization, the Los Angeles chapter of the IEEE Computer Society, and the Alumni Association of the Art Center College of Design.

Los Angeles Chapter of SIGGRAPH
ART CENTER COLLEGE OF DESIGN Alumni Association
Los Angeles Chapter of IEEE Computer Society



design school; The Art Center College of Design. The event is sponsored by L.A. SIGGRAPH, Art Center College of Design Alumni Association and the Los Angeles Chapter of IEEE Computer Society.

The leading edge of computer graphics technology represented at this conference will likely make this the most significant computer graphics art and design event of the year. Three of the eminent speakers will be *John Whitney, Sr.*, innovator of "slit-scan" special effects for film and the author of *Digital Harmony*; *Jim Blinn* of Jet Propulsion Laboratory, instructor at Art Center, consultant to Lucas Films Ltd, and creator of computer animation for the PBS *Cosmos* series; and *Ed Emshwiller*, renowned for experimental graphics effects in video at N.Y.U.T., and currently Dean of Film & Video at California Institute of the Arts. Also represented are: *Robert Abel & Associates*, producers of television commercials for 7-UP, Braun Shavers and Levi Strauss, *Evans & Sutherland* computer systems that create real time simulation sequences and *Information International Inc.*, designers of the computer generated imagery for TRON.

Intimate technical sessions will provide interactive contact and hands-on demonstrations. The latest in contemporary computer artwork will be on exhibit at the Art Center Atrium. One of the highlights of the showcase will be the film and video festival. Borrowing a TRON phrase, "It will remind you of something you've never seen before!"



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-
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-
- 9:00 Opening Presentation—Nick Pavlovic
John Whitney, Sr.—Keynote Speaker
-
- 10:00 Advertising; Computer Generated Commercials
-
- 11:00 Scientific Animation
-
- 12:00 Lunch & Vendor Exposition
-
- 2:00 3 Dimensional Simulation Modeling
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- 3:00 Computer & Architectural Space
-
- 4:00 Forum: Futures in Design



SUNDAY OCTOBER 31

-
- 9:00 Registration
-
- 10:00 Film & Video
-
- 11:00 Art & Animation
-
- 12:00 Lunch & Vendor Exposition
-
- 2:00 The Art of Business Graphics—Maxine Brown
-
- 3:00 Electronic Color
-
- 4:00 Forum: Computer Graphics Within a Budget
-
- 5:00 Break
-
- 6:00 Film & Video Festival

Credits: design: Kaneke Metzgar Ashcraft Design cover image: Information International Inc
printing: Alton Lithograph Inc

