The Los Angeles Chapter of ACM - SIGGRAPH would like to gratefully acknowledge and dedicate the show to General Electric for their PJ5050 lightvalve video projection system and all those contributors of program material for which this program would not have been possible.

Produced by EDWARD R. ARROYO
Moderator: PETER SORENSEN

**TRON / FLYNN'S RIDE**
Robert Able & Assoc.
Kenny Mirman, art director
Frank Vitz, art director
Bill Kovacs, technical director
1:30 Min.

**ZGRASS, EINSTEIN**
Real Time Design Inc.
Tom DeFanti, computer graphics
Dan Sandin, video processing
2 Min.

**SPIRAL 5, P.T.L. (PERHAPS THE LAST)**
Tom De Fanti, computer graphics
Dan Sandin, video processing
Mimi Shevitz, audio synthesis
6:47 Min.

**THE TEMPEST**
Dean Winkler, video
Tom DeWitt, video
Vibeke Sorensen, video & audio
Walter Michael
4:45 Min.

**SHAKE, RAFILE, & ROLL**
Zsuzsu Molnar
Frank Dietrich
2:16 Min.

**PENTAGON**
Jo Ann Gillerman
1 Min.

**SUNSTONE**
Ed Emshwiller
3 Min.

**UNIVERSITY OF NORTH CAROLINA COMPUTER SCIENCE DEPT.**
University of North Carolina
3 Min.

**SCENE SIMULATION - PILOT TRAINING SEQUENCES**
Evans and Sutherland

**BLACK HOLE / TITLE ANIMATION**
Robert Abel & Assoc.
C.B. Taylor, art director
Mike Haggarty, art director
Bill Kovacs, technical director
3 Min.

**"1982" EXPERIMENTAL WORKS FOR REAL TIME ANIMATION USING RASTER GRAPHICS TERMINAL**
Texnai/ Ashai Broadcasting Co.
5 Min.
<table>
<thead>
<tr>
<th>Title</th>
<th>Producer/Designers</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOUR SEASONS OF JAPAN</td>
<td>NHK, Hayashi Yoshinari, producer</td>
<td>3 Min.</td>
</tr>
<tr>
<td>SAMPLER, N.Y.I.T.</td>
<td>New York Institute of Technology</td>
<td>7 Min.</td>
</tr>
<tr>
<td>SAMPLER/PENTEL COMMERCIAL</td>
<td>Pacific Electric Pictures</td>
<td>2 Min.</td>
</tr>
<tr>
<td>NORM WAR</td>
<td>Mathematical Applications Group, Inc., Richard Taylor, director/designer</td>
<td>1 Min.</td>
</tr>
<tr>
<td>SAMPLER, CRANSTON/CSURI</td>
<td>Cranston/CSuri Productions</td>
<td>6:10</td>
</tr>
<tr>
<td>DIGITAL LASER SHOW</td>
<td>Lasermedia, Inc., Frank Foster</td>
<td>4 Min.</td>
</tr>
<tr>
<td>DREAM FLIGHT</td>
<td>University of Montreal, Hautes Etudes Commerciales, Philippe Bergeron, Nadia Magnenat-Thalmann, Daniel Thalmann</td>
<td>11 Min.</td>
</tr>
<tr>
<td>SCENES FROM CRITICAL MASS</td>
<td>David Em, computer graphics, James Seligman, Jim Blinn, software design, Dan Sofer, music</td>
<td></td>
</tr>
<tr>
<td>VOYAGER II</td>
<td>Dr. Jim Blinn, software design, Dan Sofer, music</td>
<td>10 Min.</td>
</tr>
<tr>
<td>GALILEO, MISSION TO JUPITER</td>
<td>Dan Sofer, music</td>
<td></td>
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<tr>
<td>Blobbyman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CARLA'S ISLAND</td>
<td>Lawrence Livermore Laboratories, Nelson Max, designer</td>
<td>3 Min.</td>
</tr>
<tr>
<td>VDL LIBRE</td>
<td>Loren Carpenter, designer/software</td>
<td>2 Min.</td>
</tr>
</tbody>
</table>
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Moderator: PETER SORENSON

DIGITAL COMPUTER ANIMATION
Acme Cartoon Company, Inc.
Dallas, Texas

SAMPLER, AURORA SYSTEMS
Aurora Systems
San Francisco, California

COMPUTER GRAPHICS LAB/PAINT SYSTEM
Computer Graphics Lab, Inc.
New York, New York

SAMPLER, J. F. CULVER
J. F. Culver
De Kalb, Illinois 60115

SAMPLER, DIGITAL EFFECTS
Digital Effects, Inc.
New York, New York

SAMPLER, ELECTRONIC ARTS
Electronic Arts, Ltd.
London, England

GRUMMAN NON-EDGE CIG
Geoffrey Gardner, Grumman Aerospace Corp.
Bethpage, New York

SAMPLER, DAVID GESCHWIND
David Geschwind, Digital Video Systems, Inc.
New York, New York

GRAPHIC HARMONY
Polaroid Corporation
Cambridge, Massachusetts

SAMPLER, PROGENY
Steine & Woody Vasulka; Brad Smith
Santa Fe, New Mexico

SAMPLER, BARBARA SYKES
Barbara Sykes
Chicago, Illinois

MONTANA
Jane Veeder, Electronic Visualization Center
Chicago, Illinois
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', and producer of the films 'Arabesque' and 'Permutations'.


JOE HENERY - Vice President and Assistant Director, Art Center College of Design.

MARGARET BRUCATO - Director of Alumni Relations, Art Center College of Design.

EDWARD HANAX - Senior Vice President of Development, Art Center College of Design.

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.

MAXINE BROWN - Director of Documentation, Digital Productions. Technical coordinator of Business Graphics courses for the SIGGRAPH Conferences, 1981-1983. Formerly with ISSCO Graphics, a leading supplier of data presentation graphics software, working in the documentation, development and marketing areas. Secretary of the national SIGGRAPH organization.

JAMES BLINN - Designer of computer graphic effects in the Voyager Saturn Fly-By simulation for Jet Propulsion Laboratory. Creator of computer graphics for the television series COSMOS. Currently teaching computer graphics at the Art Center College of Design.


FLETCHER SORENSEN - Computer animation consultant and art director. Created the documentary article on TRON in Cinefex magazine.

SANDRA MILES - Software consultant for CORE, the computer software division of Herman Miller. Responsible for the Western Region including Alaska and Hawaii.

SYD MEAD - Author, illustrator, designer, architect, and consultant. His work has been featured in Tron, Star Trek, and Bladerunner. His illustrations have been reproduced in books for National Geographic, NASA and other publications. Next year Hansen Galleries of New York will stage a major retrospective of Syd's work at the Museum of the Surreal and Fantastique.


DONALD R. FULLENWIDER - Vice President - Corporate Director of Computer Services for Welton Becket Associates. Provided general computer-aided design consulting to architecture and engineering firms in the areas of development and implementation of automated systems for design and production.


RICHARD TAYLOR - One of the main creative forces behind the computer graphics for the motion picture TRON. Executive Creator Director of Magi West. His past experiences include three years as Creative Director of Computer Simulation at Information International, Inc., design of miniatures for "Star Trek the Motion Picture", and five years as a designer/ director at Robert Abel and Associates.

RON HAYS - Creator of first full multi-media music concerts and first visual music artist with work in "Star Wars" in world-wide distribution as videodisc and videocassette, "Odyssey." Winner of numerous awards including one Emmy and a nomination for his TV/film electronic graphic design work.

ED EMMANUELLE - Provost and Dean of film and video at California Institute of the Arts. Renowned for experimental graphic effects in video at N.Y.I.T.

DEREK LEE - Representing Evans and Sutherland, leaders in the creation of real-time simulation and design.
AME FLYNN - President of TechniGraphics. Her background in the fine arts includes 12 years of formal education culminating at the Rhode Island School of Design. She is a member of the faculty at the New School in New York teaching courses in microcomputer graphics. Her clients have included McGraw-Hill, Merrill Lynch, PBS and New York University's Alternate Media Center.


JANEK KALICZAK - Director, electronic special effects. Theatrical and lighting consultant. Live computer graphics at US Festival and live theatrical design for Castle Dracula, Screen Test Theater, and Special Effects Sound Stage at Universal Studios Tours.

E.P. MILES - Professor in the Department of Mathematics / Computer Science and the Director of the Center for Color Graphics at FSU. He has given more than 100 lectures on color graphics to audiences around the country and abroad. Most of the lectures were under the ACM Lectureship Program.

GARY BEYDLER - Regional Manager for Via Video. He has marketed Computer Graphics and Video Animation Systems in the United states and abroad. Producer of independent films and videotapes.


RUSSELL WISE - Sales and marketing for Baush and Lomb Graphics Division. Speaker for Toastmasters International.

THOMAS KRN - Computer Aided Design Group.

FRANK DIETRICH - Datamax. Instructor at the Art Institute of Chicago.

COCO & PETER CONN - Owners of Homer and Associates.

ANNETTE DELZOPPO - Photographer, Filmmaker, and Document Artist for designers work. Presenting Professor Ron Resch, Austin University Computer Science, work of 3-D Computer-Aided designed thirty foot aluminum Ukrainian easter egg in Canada.
THE DESIGNER AND COMPUTER GRAPHICS SHOWCASE

OCTOBER 30 & 31, 1982

KEYNOTE ADDRESS: JOHN WHITNEY, SR., "MUSIC MADE VISIBLE"

PARALLEL PROGRAM SESSIONS

SATURDAY

A

10:00  FOURTH GENERATION HIGH PERFORMANCE
       COMPUTER-AIDED DESIGN
       DEREK LEE, EVANS AND SUTHERLAND

11:00  FORUM: COMPUTERS IN EDUCATION
       JOHN WHITNEY, SR., MODERATOR

12:00  VENDOR EXPOSITION
       LUNCH BREAK

2:00   UNDERSTANDING COMPUTER GRAPHICS
       NICK PAVLOVIC, VISUAL DATA ENTERPRISES

3:00   ARCHITECTS AND COMPUTER GRAPHICS
       DONALD R. FULLMOWER, WELTON BECKETT ASSOCIATES

4:00   "COLOR"
       MORRIS SAMIT, POLAROID CORPORATION

B

10:00  ADVERTISING, COMPUTER GENERATED COMMERCIALS
       MICHAEL WAHRMAN, ROBERT ABEL AND ASSOCIATES

11:00  CADD SYSTEMS AND FACILITY MANAGEMENT
       SANDRA MILES, HERMAN MILLER, INC.

12:00  COMPUTER ANIMATED LASER
       FRANK FOSTER, LASER MEDIA

2:00   3-D SCIENCE SIMULATION
       ART DURINSKI, INFORMATION INTERNATIONAL, INC.

3:00   SCIENTIFIC ANIMATION
       JAMES BLINN, JET PROPULSION LABORATORY

4:00   "COLOR"
       MORRIS SAMIT, POLAROID CORPORATION

C

10:00  WHAT COMPUTER GRAPHICS CAN DO FOR YOU
       ISSCO GRAPHICS

11:00  ARTISTIC DESIGN
       CHROMATICS

12:00  VENDOR EXPOSITION
       LUNCH BREAK

2:00   COMPUTERS, A DESIGN TOOL
       LISSA GOLDENSTEIN, MCDONNELL DOUGLAS CORPORATION

3:00   CHOOSING THE RIGHT GRAPHICS DEVICE TYPE
       ISSCO GRAPHICS

4:00   2-D DATA DISPLAYS
       DR. MARGARET CHOCK

INTRODUCTION: NICK PAVLOVIC CHAIRMAN L.A. CHAPTER OF ACM SIGGRAPH

SATURDAY 9:00 A.M. MAIN AUDITORIUM

DEMOSNTRATIONS
OM-GOING AUDIO-VISUAL
PRESENTATIONS OF COMPUTER-AIDED DESIGNS AND GRAPHICS
ROOM 213 & 214

THE COMPUTER'S VIEW OF ART SATURDAY 9:00 A.M. MAIN AUDITORIUM
PRESENTATIONS OF COMPUTER-AIDED DESIGN AND GRAPHICS
AN ARTISTS VIEW OF COMPUTERS
ROOM 204

ART EXHIBIT
COMPUTER ASSISTED ART
THE COMPUTER'S VIEW OF ART
AN ARTIST'S VIEW OF COMPUTERS
ROOM 204
PARALLEL PROGRAM SESSIONS

SUNDAY

A

10:00 CREATIVE ART AND DESIGN IN THE 80'S
  E.P. MILES, JR., ACM LECTURER

11:00 ARCHITECTURAL DESIGN
  RICHARD DOO, ARCOMP SYSTEMS, LTD.

12:00 VENDOR EXPOSITION
  LUNCH BREAK

2:00 INTER-FACING AND COMPUTER GRAPHICS
  PETER & COCO CONN, HOMER AND ASSOCIATES

3:00 "BREAKING THE MYSTIQUE"
  AME FLYNN, TECHNIGRAPHICS

4:00 CONCEPTUAL DESIGN
  SYD MEAD

5:00 COMPUTER SYSTEMS
  THOMAS KRAEHN, COMPUTER AIDED DESIGN GROUP

ART EXHIBIT
  COMPUTER ASSISTED ART
  THE COMPUTER'S VIEW OF ART
  AN ARTIST'S VIEW OF COMPUTERS
  ROOM 204

B

"THE MAKING OF SUNSTONE"
  ED EMHSWILLER, CALIFORNIA INSTITUTE OF THE ARTS

ART AND ANIMATION
  DAVID EM, INDEPENDENT FILM MAKER

FORUM: COMPUTER GRAPHICS WITHIN A BUDGET
  JANEK KALICZAK, MODERATOR

5:00 FORUM: FUTURES IN DESIGN
  PETER SØRENSEN, MODERATOR
  SYD MEAD AND RICHARD TAYLOR

C

VISUAL MUSIC
  RON HAYS, MUSIC IMAGE

WHAT COMPUTER GRAPHICS CAN DO FOR YOU
  ISSCO GRAPHICS

COMPUTER ANIMATED LASER
  FRANK FOSTER, LASER MEDIA

ARTIST ORIENTED COMPUTER GRAPHICS
  GARY BIVYLER, VIA VIDEO

THE ART OF BUSINESS GRAPHICS
  MAXINE BROWN, DIGITAL PRODUCTIONS

COMPUTER GRAPHICS, REAL TIME ANIMATION
  FRANK DIETRICH, DATAMAX

LOW COST C.A.D. FOR ARCHITECTURE
  RUSSEL WISE, BAUSH & LOMB

DENTRICATIONS
  ON-GOING AUDIO-VISUAL
  PRESENTATIONS OF COMPUTER-AIDED DESIGN AND GRAPHICS
  ROOM 213 & 214

FILM AND VIDEO FESTIVAL
  PETER SØRENSEN, M.C.
THE DESIGNER AND COMPUTER GRAPHICS SHOWCASE

SESSIONS & EXHIBIT AREA

ROOM LEGEND
A - PARALLEL SESSION A
B - PARALLEL SESSION B
C - PARALLEL SESSION C
D - COMMERCIAL EXHIBIT
E - SPECIAL EXHIBITS
F - ON-GOING VIDEO & SLIDE PRESENTATIONS
G - ART EXHIBIT