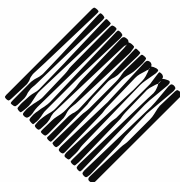


# ACM SIGGRAPH VIDEO REVIEW



## ISSUE 66

ACM SIGGRAPH '90  
Film & Video Theater  
*Part 1 of 2*

### Table of Contents

- **Opening Animation** - *Grower, Santa Barbara Studios*
- 1. **This is not Frank's Planet** - *Swain, Cal. State Univ.*
- 2. **McDonald's "Save the Universe"** - *DiNoble, Metrolight Studios*
- 3. **ABC's World of Discovery** - *DiNoble, Metrolight Studios*
- 4. **AMC "Feature Presentation"** - *DiNoble, Metrolight Studios*
- 5. **Total Recall** - *DiNoble, Metrolight Studios*
- 6. **1990 SIGGRAPH Demo** - *Lamb & Co., Inc.*
- 7. **Gas Pipe** - *Hurrell, SVC Television*
- 8. **Dirty Power** - *Lurye*
- 9. **Nissan "Time Machine"** - *Gibson, Rhythm & Hues, Inc.*
- 10. **7-UP "Saxophone"** - *Gibson, Rhythm & Hues, Inc.*
- 11. **A Passing Shower** - *Nakamae, Hiroshima Univ.*
- 12. **Lava Jr.** - *Bauer, Luxo-Klone Productions*
- 13. **Trillo's Adventures** - *Di Biagio, Intermedia Audiovisivi SNC*
- 14. **The Audition** - *Miller, Apple Computer, Inc.*
- 15. **Pigment Promenade** - *Litwinowicz, Apple Computer, Inc.*
- 16. **Styro** - *Sinnott*
- 17. **The Hole** - *Sakakibara, NAMCO*
- 18. **I Have Never Seen, But I Know...** - *De Leon, Texas A&M Univ.*
- 19. **Under the Puddle** - *Corson*
- 20. **The Nature** - *Taira*

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## **ACM SIGGRAPH Video Review**

### **Issue 66**

ACM SIGGRAPH '90  
Film & Video Theater  
(part 1 of 2)

- **Opening Animation**

**Contact:**

John Grower  
Santa Barbara Studios  
460 B San Ysidro Rd.  
Santa Barbara, CA 93108  
USA

**Summary:**

Opening animation for the  
ACM SIGGRAPH '90 Film and  
Video Theater

**Produced by:**

John Grower for SIGGRAPH '90

**Hardware:**

Visual Computing Group,  
Numonics Corp., and Silicon  
Graphics Computer Systems

**Software:**

Wavefront Technologies

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**Within USA: 800-523-5503**  
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## **1. This is not Frank's Planet**

**Contact:**

Mark Swain  
Instructional Media Center  
California State University  
Chico, CA 95929 USA  
1-916-898-4421

**Summary:**

A wacky space adventure of Rudy and Spigot, the misfit pilots of a small space ship. The two wander through a colorful landscape looking for a Mysterious Destination.

**Produced by:**

Instructional Media Center,  
California State Univ., Chico

**Hardware:**

ArtStar, Sony D2, Betacam SP,  
CMX 3100, Sony 900, Abekas  
A42 and A53D, Korg T3

**Software:**

ArtStar

### **McDonald's "Save the Universe"**

**Contact:**

Alan DiNoble  
Metrolight Studios  
5724 W. Third Street  
Suite 400  
Los Angeles, CA 90036  
USA  
1-213-932-0400

**Summary:**

If all the people in the world came into one McDonald's at the same time, would the Earth tilt off its axis, wreaking havoc on the universe?

**Produced by:**

Metrolight Studios/Boss Films

**Hardware:**

Alliant FX40-4, Solbourne  
5-604, SGI, Abekas A60

**Software:**

Wavefront Preview and  
Metrolight Proprietary

## **3. ABC's World of Discovery**

**Contact:**

Alan DiNoble  
Metrolight Studios  
5724 W. Third Street  
Suite 400  
Los Angeles, CA 90036  
USA  
1-213-932-0400

**Summary:**

The imagery of nature, science, exploration, engineering and cultural history is captured in this sweeping montage, the magnificent contrasts and similarities of the beauty and wonder of the natural and the man-made.

**Produced by:**

Metrolight Studios

**Hardware:**

Alliant FX40-4, Solbourne  
5-604, SGI, Abekas A60

**Software:**

Wavefront Preview and  
Metrolight Proprietary

## 4. AMC "Feature Presentation"

### Contact:

Alan DiNoble  
Metrolight Studios  
5724 W. Third Street  
Suite 400  
Los Angeles, CA 90036  
USA  
1-213-932-0400

### Summary:

High-quality, computer-animated trailers demonstrate the advanced sight and sound technology of AMC's High Impact Theater System.

### Produced by:

Metrolight Studios

### Hardware:

Alliant FX40-4, Solbourne  
5-604, SGI, Celco Film  
Recorder

### Software:

Wavefront Preview and  
Metrolight Proprietary

## 5. Total Recall

### Contact:

Alan DiNoble  
Metrolight Studios  
5724 W. Third Street  
Suite 400  
Los Angeles, CA 90036  
USA  
1-213-932-0400

### Summary:

CGI human motion is used to depict a real-time X-Ray special effect which integrates computer graphics with live action footage in this major motion picture.

### Produced by:

Metrolight Studios/Carolco Pict.

### Hardware:

Alliant FX40-4, Solbourne  
5-604, SGI, Celco Film  
Recorder

### Software:

Wavefront Preview and  
Metrolight Proprietary

## 6. 1990 SIGGRAPH Demo

### Contact:

Larry Lamb  
Lamb & Company, Inc.  
1010 South 7th St.  
Minneapolis, MN 55415  
USA  
1-612-333-8666

### Summary:

Recent commercial work is highlighted.

### Produced by:

Lamb & Company, Inc.

### Hardware:

SGI IRIS 4D/70, Abekas A60

### Software:

Wavefront, Lamb & Company  
Proprietary

## 7. Gas Pipe

**Contact:**

Phil Hurrell  
SVC Television  
142 Wardour St.  
London, W1V 3AU  
England  
44 (71) 734-1600

**Summary:**

The trials and tribulations of a gas pipe.

**Produced by:**

SVC Television for Robinson  
Lambie-NAIRN

**Hardware:**

Symbolics 3650 and 3620

**Software:**

Symbolics S-Products

## 8. Dirty Power

**Contact:**

Robert Lurye  
206 Diamond  
Johnstown, PA 15905  
USA  
1-814-255-6263

**Summary:**

This animation was inspired by the artist's exploration of the oftentimes seductive nature of 3D computer graphics and also was inspired by the AIDS virus.

**Produced by:**

Robert Lurye, The Ohio State  
University - Advanced

Computing Center for the Arts  
and Design

**Hardware:**

Convex CI, SUN Workstations  
Network, Abekas A60, E&S  
PS-300

**Software:**

TROUT, In-house

## 9. Nissan "Time Machine"

**Contact:**

Charlie Gibson  
Rhythm & Hues, Inc.  
910 North Sycamore Ave.  
Hollywood, CA 90038  
USA  
1-213-851-6500

**Summary:**

"Time Machine" is a commercial produced for Japanese television featuring a realistically rendered animated sports car.

**Produced by:**

Rhythm & Hues, Inc. for Dentsu,  
Inc.

**Hardware:**

SGI Predator, SGI 4D-80/GT

**Software:**

Rhythm & Hues Proprietary

## 10. 7-UP "Saxophone"

### Contact:

Charlie Gibson  
Rhythm & Hues, Inc.  
910 North Sycamore Ave.  
Hollywood, CA 90038  
USA

### Summary:

"Saxophone" features a fully animated computer-generated character interacting with its live-action environment.

### Produced by:

Rhythm & Hues, Inc. for Leo Burnett, Inc.

### Hardware:

SGI Predator, SGI 4D-80/GT

### Software:

Rhythm & Hues Proprietary

### Produced by:

Hiroshima University, Electric Machinery Laboratory

### Hardware:

Sequent S81 and SGI IRIS 4D

### Software:

In-house software

## 12. Lava Jr.

### Contact:

Randy Bauer  
Luxo-Klone Productions  
1717 West Sixth Street  
Suite 150  
Austin, TX 78703 USA  
1-512-476-0400

### Summary:

A new interpretation of John Lassister's classic animation: "Luxo, Jr."

### Produced by:

Randy Bauer

### Hardware:

SGI 4D-80/GT

### Software:

Wavefront

## 11. A Passing Shower

### Contact:

Eihachiro Nakamae  
Faculty of Engineering  
Hiroshima University  
Saijo-cho  
Higashi-hiroshima 724  
Japan  
(81) 824-22-7111 ext. 3445

### Summary:

Road surfaces, solar penumbra and streaks of light are rendered using novel techniques to produce photo-realistic visual simulation of outdoor scenes.

## 13. Trillo's Adventures

### Contact:

Laura Di Biagio  
Intermedia Audiovisivi  
S.N.C.  
Piazza Eugenio Morelli, 8  
00151 Rome, Italy  
6-6811381

**Summary:**

An Italian love story stars Trillo the telephone.

**Produced by:**

Intermedia Audiovisivi-Italy  
Massimo Temi for "Lo Specchio"  
Advertising

**Hardware:**

Compaq 386 20

**Software:**

Cubicomp Picturemaker R60  
version 3.0

## 14. The Audition

**Contact:**

Gavin Miller  
Apple Computer, Inc.  
20525 Mariani Ave.  
M/S 60-W  
Cupertino, CA 95014  
USA  
1-408-974-0186

**Summary:**

Facial expression tracking, dynamic simulation, ray-tracing and radiosity are used to tell about what happened one day at the circus.

**Produced by:**

Apple Computer, Inc.,  
Advanced Technology Group

**Hardware:**

Apple Macintosh II, SGI IRIS

**Software:**

Apple Proprietary

## 15. Pigment Promenade

**Contact:**

Peter Litwinowicz  
Apple Computer, Inc.  
20705 Valley Green Dr.,  
M/S 60W  
Cupertino, CA 95014  
USA  
1-408-974-1752

**Summary:**

"Pigment Promenade" proffers playful pals. A whimsical look at paint blobs having fun.

**Produced by:**

ATG Graphics Group of Apple  
Computer, Inc.

**Hardware:**

Macintosh II, SGI IRIS

**Software:**

In-house software; sound  
recorded and mixed using  
DigiDesign

## 16. Styro

**Contact:**

Tom Sinnott  
676 N. LaSalle Street  
Chicago, IL 60610  
USA  
1-312-440-1875

**Summary:**

A dog can't take a walk  
at night anymore.

**Produced by:**  
Sinnott and Associates, Inc.,  
Chicago, Tom Sinnott, Joe Doll,  
John Putnam, and Terry Fryer

**Hardware:**  
SGI IRIS 4D-70

**Software:**  
Wavefront

## 17. The Hole

**Contact:**  
Motonori Sakakibara  
NAMCO Yokohama Mirai  
Kenkyuto  
15-1, Shinei-cho,  
Kouhoku-ku  
Yokohama, 223 Japan  
045 (593) 01711

**Summary:**  
The quirky black birds in this  
artist's first original work are the  
hole-block builders.

**Produced by:**  
Motonori Sakakibara NAMCO  
LTD.

**Hardware:**  
SGI IRIS 4D-20G

**Software:**  
NAMCO original

## 18. I Have Never Seen, But I Know...

**Contact:**  
Midori Kitagawa De Leon  
c/o Visualization Lab  
College of Architecture  
Texas A&M University  
College Station, TX 77843  
USA  
1-409-845-3465

**Summary:**  
All of the creatures and plants in  
this graceful underwater fantasy  
were generated and animated  
by De Leon's Branching Object  
Generation and Animation  
System.

**Produced by:**  
Midori Kitagawa De Leon

**Hardware:**  
Sun3, Sun4, Abekas

**Software:**  
BOGAS (Branching Object  
Generation and Animation  
System), TROUT (Rendering  
Software)

## 19. Under the Puddle

**Contact:**  
Aliza Corson  
152 Computing Appl. Bldg.  
605 E. Springfield Ave.  
Champaign, IL 61820  
USA  
1-213-932-0400



**Summary:**

"Under the Puddle" presents an abstract view of a rainstorm from beneath the surface of a puddle.

**Produced by:**

Aliza Corson at the Advanced Computing Center for the Arts & Design, Ohio State University

**Hardware:**

Sun Microsystems, Abekas Digital Recorder

**Software:**

All software written at ACCAD

## 20. The Nature

**Contact:**

Masaaki Taira  
3-13-6,  
Higashi-shinagawa  
Shinagawa-ku  
Tokyo 140 Japan  
03-450-8181

**Summary:**

This work was produced for Osaka's EXPO '90. "The Nature" dramatically combines live action and computer graphics animation.

**Produced by:**

Dentsu Inc./Tokyu Agency Inc.

**Hardware:**

LINKS-2, Sun 4/280,  
SGI IRIS-4D

**Software:**

Original