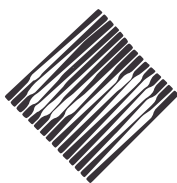


# ACM SIGGRAPH VIDEO REVIEW



## ISSUE 99

### Entertainment Simulations and Theme Park Visualizations

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## **ACM SIGGRAPH Video Review**

### **ISSUE 99**

Entertainment Simulations and  
Theme Park Visualizations

# **1 . The Devil's Mine** *Time: 00:05:00*

#### **Producers:**

LBO, Showscan Corporation  
Dream Factory, Club Medi  
D'investissement

#### **Summary:**

A fantastic journey into an abandoned mine that is filled with surprises. Rather than gold or diamonds, you discover unforgettable thrills as your ore cart careens madly past bubbling lava pits and bottomless gorges on its dizzying way to the center of the earth.

#### **Contributors:**

Director: Jos Claesen  
Live Action Director: Peter.  
Szondy  
Production Designer: Ray  
Spencer

Animation: Jos Claesen, Toon  
Roebben

Executive Producers: Jean-  
Pierre Dauzun; Peter Beale,  
Peter Henton  
Sound Designer: Yves Renard,  
Pierre Lebecque

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SoundMixers: Yves Renard,  
Thomas Gaudert  
Sound Recording Studio: Studio  
l'Equipe  
Production Supervisor: Caroline  
Van Iseghem  
Special Effects R&D: Vincent  
Paesmans  
Junior Animators: Michel Denis,  
Christine Salomon  
Shooting Supervisor: Paul-  
Francois Fontigny  
Shooting Operator: Filip  
Vangeffeien  
Production Assistant: Carmen  
Sanchez  
Post-Production Coordinators:  
Jean-Luc Bonhomme, Manu  
Maindiaux

**Hardware:**

SGI

**Software:**

TDI Explore; Nefertiti  
High Definition Paint  
System; In-house

**Contact:**

Alain Collart  
LBO S.A./N.V.  
Avenue Ariane, 12  
1200 Brussels  
Belgium  
32.2.773.48.11  
32.2.771.52.01 fax

**Copyright:**

1993 LBO, Showscan

## 2. Seafari

*Time: 00:04:25*

**Producer:**

Ellen Coss

**Summary:**

Underwater ride through the  
perils of the deep with a dolphin  
navigator Sammi.

**Contributors:**

Director/ Production Designer  
Mario Kamberg  
Executive Producer:  
Sherry McKenna  
Art Director: Lorne Lanning  
Computer Graphics Supervisor:  
Kathy White  
Animation Director:  
Charlie Gibson  
Special Effects Supervisor:  
Lorne Lanning, Larry Wienberg  
Choreography: Kathy White,  
Larry Weinberg, Darrin Butts  
Digital Cinematography  
Environments: Kevin Barnhill,  
Eileen Jensen, Kathy White  
Digital Cinematography,  
Creatures: Min  
Creature Animation:  
Larry Weinberg  
Animators: Colin Brady, Darrin  
Butts, Nancy Kato, Robert  
Lurye, Suponwich Somsaman,  
Steve Ziolkowski  
Effects Animators: Peter  
Farson, Liz Kupinski, Hiromi  
Ono, John Ornelas, Jerome  
Solomon, Sylvia Wong, Harold  
Zatz  
Technical Directors: Ed Batres,  
Rod Paul, Bill Pong, Jay Redo,  
Todd Shifflett, David Smith,  
Suponwich Somsaman,  
Nicholas Titmarsch, David  
Weinberg  
Rotoscoping: Meg Freeman  
Production Manager:  
John Hughes

**Modeling Manager:**  
Keith Hunter  
**Modelers:** Tex Kadonaga,  
Nancy Klimley, Min, Steve  
Ziolkowski  
**Programmers:** Brian Gardner,  
Keith Goldfarb, Mark Henne,  
Richard Moster, Paul Newell,  
Marcel Samek, Eugene  
Vendrovsky, Harold Zatz  
**Editorial:** Rick Ross, Joe  
Yanuzzi  
**Post Production Asst:**  
Brent Young  
**Systems Administrator:** Jay  
Miya  
**Film/Technical Support:** Bruno  
George, David Keller, Will  
McCown  
**Senior Tape Operator:**  
Suzanne McEachron  
**Tape Operators:** Ken Dinh,  
Brian Petersen, Eli Rodriguez,  
Andy Sheng, Julius Yang  
**Art Support:** Steve Olds  
**Assistant Producers:** Dina  
Benadon, Kristina Hamm  
**Motion Control Photography:**  
Praxis Film Works  
**Underwater Film Elements:**  
The Chandler Group  
**Visual Effects Supervisor/DP:**  
Don Baker  
**Miniature Effects:** Stetson  
Visual Services  
**Effects Supervisor:**  
Mark Stetson  
**Hardware:**  
SGI

**Software:**  
Proprietary

**Contact:**  
Sherry McKenna  
Rhythm & Hues Studios  
910 N. Sycamore Avenue  
Hollywood CA 90038  
213.851.6500  
213.851.5505 fax

**Copyright:**  
1994 MCA/Universal

## 3. Scuba Dog

*Time: 00:03:00*

**Producer:**  
John Clinton

**Summary:**  
A point-of-view motion ride film  
for Taito's 3-axis sphere. Scuba  
Dog is a happy-go-lucky host for  
a fanciful underwater adventure  
full of merriment and nuttiness.

**Contributors:**  
**Story, Designer, Director:**  
Roger L. Gould  
**Animators:** Mike Fleming, Walt  
Hyneman, Ken King, Peter  
Lepeniotes, David Smith,  
Mitchell Rosefelt  
**Painter:** Michele Moen  
**Storyboard:** Howard Baker  
**Additional design:** John Mann  
**Additional models:** Chris Roda,  
Marc Toscano  
**Creative Director/Founder Boss**  
**Film:** Richard Edlund  
**Production Supervisor:**  
Ellen Somers  
**CGI Supervisor:** Jim Rygiel,  
**Music:** Michael Stearns  
**Sound effects:** John Morris  
**Post effects:** The Digital Lab  
Inc.  
Taito Corp. - Japan

**Hardware:**  
SGI Indigo2

**Software:**  
Wavefront Advanced Visualizer;  
Matador Paint; Alias Modeller;  
Symbolics

**Contact:**  
Bob Mazza  
Boss Film Studios  
13335 Maxella Avenue  
Marina del Rey CA 90292  
310.828.0433  
310.305.8576 fax

**Copyright:**  
1994 Boss Film Studios for Taito  
Corp.

## 4 . Deep Earth Exploration

*Time: 00:00:41*

**Producer:**  
Yas Takata

**Summary:**  
Computer-generated lava flow  
integrated with filmed miniature  
cavern interiors, excerpted from  
the MGM Grand Adventures  
simulator ride film.

**Contributors:**  
Executive Producer:  
Fred Benninger  
Director: Donald Fox  
Art Director: Scott Marshall  
Models Supervisor:  
Steve Tracey  
Director of Photography/Motion  
Control Supervisor:  
Joel Hiadecek

FlowMotion Creator/Digital  
Effects Supervisor:  
Steven Horowitz  
Shader Guru: Mitch Prater  
Pixel Pusher: Elliot Fan  
Henry artists: Ellen Ludwig  
Kathy Tobin  
Music: Ren Klyce  
Post facility: Realtime Video

**Hardware:**  
SGI, Macintosh, Lynx Robotics  
Spectrum, Quantel Henry

**Software:**  
FlowMotion, Pixar Renderman  
Toolkit, Fractal Design Painter

**Contact:**  
Steven Horowitz  
Midland Productions  
6229 Melville Drive  
Oakland CA 94611  
510.482.9950  
510.482.9955 fax

**Copyright:**  
1994 Midland Productions

## 5 . Space Shuttle America

*Time: 00:08:42*

**Producer:**  
Dennis Hoffman

**Summary:**  
Aboard the Space Shuttle with  
NASA in command, its just  
another trip to the moon when  
danger erupts and our space  
crew must save the day. Film for  
simulator ride at Six Flags Great  
America in Gurnee Illinois.

**Contributors:**

Director: Mike Shea  
Executive Producer:  
Keith Shartle  
Associate Producer:  
Dan Lombardo  
Supervisor Miniature  
Photography: Scott Beattie  
Digital Effects Supervisor: Tim  
Landry  
Production Supervisor: David  
Goldberg  
Editor: Kathy Chasen Hay

**Hardware:**

Macintosh, SGI, Amiga

**Software:**

Electric Image, Lightwave,  
Photo Shop After Effects

**Contact:**

Mary Johnston  
Dream Quest Images  
2635 Park Center Drive  
Simi Valley CA 93065  
805.581.2671  
805.583.4673 fax

## 6. Journey to Technopia

*Time: 00:04:56*

**Producers:**

Charlotte Huggins, Kim Nelson

**Summary:**

Features state of the art digital  
visuals, computer animation  
and live-action characters audi-  
ence is recruited to join a mis-  
sion to save Technopia from  
evil invaders. They experience  
a flight through time and space  
plus a spirited battle sequence  
inside Technopia's central com-  
puter system.

**Contributors:**

Executive Producer:  
Richard Edlund  
Director: Sean Phillips  
Live Action Poducer  
Tracy Hauser  
Writer: Nick Seldon

**Sponsor:**

Lucky-Goldstar Corp. - Korea

**Hardware:**

Iwerks Turbo, Tour

**Software:**

Wavefront; RenderMan

**Contact:**

Bob Mazza  
Boss Film Studios  
13335 Maxella Avenue  
Marina del Rey CA. 90292  
310.823.0433  
310.305.8576 fax

**Copyright:**

1993 Boss Film Studios

## 7. Alien Invasion

*Time: 00:01:36*

**Producer:**

Nina Rappaport

**Summary:**

'Alien Invasion' was specifically  
designed for a nine screen,  
360° digital theater. The  
premise is based on an alien's  
extraterrestrial mission. The  
viewer is inside an alien space-  
ship heading for a crash landing  
on Earth (Cinetropolis) with an  
awesome CGI explosion.

**Contributors:**

Producer: Jon Corfino

(IWERKS)

Director: Chris Wedge

Technical Director: Oliver

Rockwell

Development: Carl Ludwig

Designer: Malcolm McNeil

Animators: John Kahrs, Carlos

Saldanha

Production Support: Peter

Carisi, Patricia Hannaway,

Sandy Turhoff, Gary Mccloughlin

Music/Sound Effects: Michael

Levine Music

Mix: Soundelux

**Hardware:**

Sun, SGI, Hewlett Packard

**Software:**

CGI Studio; Softimage

**Contact:**

Cindy Brolsma

Blue Sky Productions, Inc:

100 Executive Boulevard

Ossining NY 10532

914.941.5260

914.923.9058 fax

**Copyright:**

1994 Blue Sky Productions, Inc.

## 8. The Loch Ness Expedition

**Summary:**

*Time: 00:4:50*

As a member of a six-person submarine crew, the observer explores the bottom of Loch Ness in search of the legendary monster.

**Hardware:**

ESIG 2000 Real-Time Image

Generator

**Software:**

EaSIEST Database Modeling

Software

**Contact:**

Jayne Anderson

Evans and Sutherland

Computer Corporation

600 Komas Drive

Salt Lake City UT 84108

801.582.5847

801.582.5848 fax

**Copyright:**

1993, 1994 Evans & Sutherland

Computer Corp.

## 9. Atlantis Submarine Race

*Time: 00:03:56*

**Producer:**

Paul Scott

**Summary:**

A stereoscopic film which takes the viewer on an adventurous race from the ancient city of Atlantis to Antarctica back. The thrilling ride takes you underwater, inside ice caves and even overland past an active volcano.

**Contributor:**

Todd Kesterson, David Lang

Paula Conn, Erik Johnson,

Andy Larkin, Project One Audio.

**Hardware:**

SGI Personal Iris, Indigo, Indy

**Software:**

Softimage; Parallax Matador;  
Xaos Pandemonium

**Contact:**

Paul Scott  
digital artworks  
2295 Coburg Road  
Suite 104  
Eugene OR 97401  
503.344.6541  
503.683.3576 fax

**Copyright:**

1994 Cinema Ride

# 10. StarQuest Adventure

*Time: 00:04:33*

**Producer:**

Mark Franco

**Summary:**

StarQuest is a four-minute  
Omnimax motion-based ride film.  
for the 1993 Korean World  
Expo, Taejon, Korea, to be  
shown in the Samsung Pavilion.

**Contributors:**

Produced by: MetroLight  
Studios for Landmark  
Entertainment  
Executive VP in Charge of  
Production: Dobbie G. Schiff  
CGI Director: Jon Townley  
Executive Producer:  
Jim Wheelock  
Assistant Producer:  
Jane Stephan  
Digital Effects Supervisor:  
Kelley Ray  
Designer: Cliff Iwai  
Modelers: Sean Cunningham  
(Aquatic), Mike Merrel (Pre-  
Historic), Alan Ridenour

(Saturn), Con Pederson  
Technical Directors: Scott  
Bendis (Vampire Binary), Steve  
Blakey (Saturn), Brian Bowman  
(Saturn), Cliff Bret, Chiara Perin,  
Yau Chen (EPB TD), Daniele  
Colojacomo (Pre-Historic), Aliza  
Corson (Aquatic), Sean  
Cunningham, Rosa Farre, Todd  
Gantzler (Caveman-Starman  
Morph), Jim Hillin (Pre-Historic),  
Gary Jackemuk, George Karl,  
John McLaughlin  
(Saturn/Aquatic/ Black Hole);  
Peter Meechan (Black  
Hole/Aquatic), Mike Merell,  
John Ornelas (Vampire Binary),  
Con Pederson, Sean Schur,  
Jerry Weil (Aquatic)  
Resource Manager:  
Steve Klevett  
Production Manager:  
Jini Dayaneni  
Systems Administrator:  
Andy Chua  
Systems/Software Support:  
Greg Ercolano  
Software Support: Rob  
Rosenblum, Yun-Chen Sung  
Film Recorder: Bill Kent  
Offline Editor: Ron Reynolds  
Technical Support:  
John "Bear" Bryant, Daniel Loeb  
Client: Dream Quest Images

**Hardware:**

Solbourne 5-604; Silicon  
Graphics 4D workstations;  
Abekas A60 and A66; Solitaire  
8XP Film Recorder; Oxberry 8  
Port Camera

**Software:**

MetroLight proprietary software;  
Wavefront Preview; RenderMan;  
Alias 4.0

**Contact:**

Dobbie G. Schiff  
MetroLight Studios  
5724 West 3rd Street  
Suite 400  
Los Angeles, CA 90036  
213.932.0400  
213.932.8440 fax

# 11. Galactic Flight

*Time: 00:04:30*

**Producer:**

Max Ivins

**Summary:**

Stereoscopic 3D ride through  
outer space to save the galaxy  
from an antimatter apocalypse.

**Sponsor:**

CinemaRide Inc.

**Hardware:**

SGI

**Software:**

Proprietary Topix; Wavefront

**Contact:**

Max Ivins  
TOPIX L.A. Inc.  
1800 N. Vine Street  
Suite 3000  
Hollywood CA 90028  
213.962.4745  
213.962.3206 fax

# 12. The Adventure of Peter Pan 2

*Time: 00:05:06*

**Producer:**

Kazumichi Kiyono

**Summary:**

This work is the continuation of  
"The Adventure of Peter Pan"  
and is produced for an adventure  
theater system in NAMCO's  
amusement center.

**Contributors:**

Executive Producer: Kazunori  
Sawano, Kouichi Tashiro  
Animation Producer: Shigeo  
Endo, Akio Yogo  
CG Producer: Nob Hosoda  
Kazumichi Kiyono, Hiroshi  
Yamagata  
CG Director: Isao Nakayama  
Animation Director: Satoshi  
Hanai  
Technical Engineer: Takashi  
Kitaizumi  
Animation Paint/Editing  
Composite: Yoshio Kuroda  
Hidenori Nakamura  
Animation Production Manager:  
Masahiko Kobayashi  
CG Production Manager: Masa  
Morisugi  
CG Animator: Isao Nakayama  
Hiroshi Fujiwara, Tetsuya  
Kanakubo, Chiaki Shimizu  
Sound: Sound Effects System  
Inc.

**Hardware:**

SGI IRIS-40; Onyx

**Software:**

NAMCO in-house

**Contact:**

Kazumichi Kiyono  
Namco Ltd.  
16th Floor, New-Stage  
Yokohama Bldg.  
1-1-32, Shin' Urashima-cho,  
Kanagawa-ku  
Yokohama 221  
JAPAN  
81.45.461.8030  
81.45.461.8098 fax

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La Machine à Remonter  
le Temps - Ex Machina
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Shiseido Co., Ltd.

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Hokkaido University
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Taiyo Kikaku Corporation
18. *ODORO ODOHO*  
(The Mysterious Dance) -  
LINKS Corporation
19. *joram* - Rosen, Broersma
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*Conference Proceedings* -  
Hart, Blinn
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*Franz K.* - NCSC
22. *Flow* - Apple Computer, Inc.
23. *The Dangers of Glitziness*  
*and Other Visualization Faux*  
*Pas* - Cornell Theory Center
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25. *Dr. Scratch* - Mr. Film
26. *JuJu Shampoo-*  
*MetroLight Studios*
27. *PDI "Toys" Visual Effects* -  
*Pacific Data Images*
28. *CAA-Coca-Cola*  
*Polar Bears* -  
Rhythm & Hues Studios
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*Pacific Data Images*
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