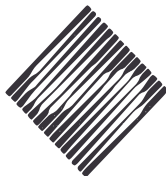


ACM SIGGRAPH VIDEO REVIEW

ISSUE 125



SIGGRAPH 98

ELECTRONIC THEATER PROGRAM

TABLE OF CONTENTS

- 1 The Hungry One—*Stephen Rawlins*
- 2 Homage to Hilbert—*Lawrence Livermore National Laboratory*
- 3 The Eccentric Circle—*Academy of Art College of San Francisco*
- 4 Wild River - motion ride—*Sega Enterprises, Ltd.*
- 5 Frisk Fish—*Glassworks Ltd.*
- 6 Ellipsoid—*NAMCO Limited*
- 7 Noh Mask - Application of Image-based Rendering—*Hitachi, Ltd.*
- 8 Marienkirche—*Helsinki University of Technology*
- 9 Eroica—*Roberto Ziche*
- 10 Grim Fandango - Sneak Peak—*LucasArts Entertainment Company*
- 11 Pastilles Vichy—*ExMachina*
- 12 Underwater Sunbeams—*mental images GmbH & Co. KG*
- 13 The Optiverse—*NCSA, University of Illinois*
- 14 Dolly à la Plage—*Trimaran*
- 15 Stà Calando il Soul—*Imagina INA*
- 16 Spacetime Swing—*Autodesk*
- 17 CPU—*Gallahad Associates*
- 18 Kazematsuri—*NAMCO Limited*
- 19 Music For Unprepared Piano—*NCSA, University of Illinois*
- 20 The Making of Sid and the Penguins—*New York University Media Research Lab*
- 21 Baby Elephants Day Out—*Surreal World*
- 22 Bug—*Pratt Institute*
- 23 Rendering with Natural Light—*Computer Science Division, University of California at Berkeley*
- 24 Citroën Saxo—*Media Lab*
- 25 Trade Secrets of the Violin Masters—*Innovative Music Instructional Technology*
- 26 Cloison (Partitions)—*Agave*
- 27 Still Life—*Ringling School of Art and Design*
- 28 Zaijian—*Nobuto Ochiai*
- 29 The Smell of Horror—*Mitch Butler Company, Inc.*
- 30 Bingo—*Alias|Wavefront*

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ACM SIGGRAPH VIDEO REVIEW

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SIGGRAPH 98
Electronic Theater Program**

SIGGRAPH 98 In-between Animations

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<http://www.siggraph.org/publications/video-review/SVR.html>

1 The Hungry One

SUMMARY:

This short is about a baby penguin, a mommy penguin, and a couple of fish.

CONTRIBUTORS:

Director: Stephen Rawlins
Sound Design: Mike McGovern

CONTACT:

Stephen Rawlins
39 Filbert Avenue
Sausalito CA 94965 USA
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rawlins@lucasdigital.com

2 Homage to Hilbert

SUMMARY:

With the help of volume rendering, this film visualizes Hilbert's 3D volume filling curve.

CONTRIBUTORS:

Director: Nelson Max
Contributors: Mark Duchaineau, Brett Keating, Brian Cabral, Dan Schikore, Dietmar Saupe, Jan Nunes, Eugene Cronshagen, Ross Gaunt

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3 The Eccentric Circle

SUMMARY:

This CG short blends eastern and western imagery.

CONTRIBUTORS:

Director: Dun Zhao

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4 Wild River - motion ride

PRODUCER:

Shingo Yasumaru

SUMMARY:

"Wild River" is a motion-based ride in which 12 people board a rafting boat to experience the thrills of white-water rafting. The guests will be encompassed by a 160-degree angle wide-view vision that, projected seamlessly on a cylindrical screen (3m x 11m), consists of three line-doubled video projectors.

CONTRIBUTORS:

Director: Shinji Torigoe
Contributors: Haruyuki
Sekikawa, Kazuhiko Nagai,
Shinji Iei, Izumi Obata, Makoto
Fukushima, Rui Sasaki,
Toshinori Takata, Yumiko
Takahashi, Ryo Takahashi,
Yoshimi Saito, Yukiko Isobe,
Takamasa Namiki, Toshiyuki
Kuroiwa, Junichi Kanzaki,
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yasumarus@amrd5.sega.co.jp

5 Frisk Fish

PRODUCER:

Bash Robertson

SUMMARY:

A fish takes a pill and goes mad.

CONTRIBUTORS:

Director: Harald Zwart

Animation: Alastair Hearsum

Flame: Rachel Mills

Post Producer: Sean Feeney

CONTACT:

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6 Ellipsoid

PRODUCER:

Nobuo Takahashi

SUMMARY:

The objects in this film symbolize the people who live and work in the Tokyo area. These people are extremely busy, due to daily, tedious tasks. A sudden explosion sets them free for a while, but the succeeding days are as oppressive as ever.

CONTRIBUTORS:

Director: Nobuo Takahashi

Contributor: Hiroto Sasaki

CONTACT:

Nobuo Takahashi

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7 Noh Mask - Application of Image-based Rendering

PRODUCER:

Makoto Kato, Toshiyuki Moritsu, Akio Takahashi

SUMMARY:

Used in Japanese traditional drama, Noh masks reveal various expressions that change according to viewpoint and movement of light. In "Noh Mask," these sensitive changes are expressed by using an image-based rendering technique.

CONTRIBUTORS:

Director: Kazuya Hisaki
Contributors: Michiko Nishi, Hiroko Nakagawa, Jun-ichi Miyajima, Manabu Yanagimoto, Kazuhide Honda, Yoshiki Sato, Shusaku Endo, Hanako Nishino

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moritsu@sdl.hitachi.co.jp

8 Marienkirche

SUMMARY:

St. Marienkirche, located in Neubrandenburg, Germany, is a 13th-century gothic cathedral. It was ruined at the end of World War II. Currently, it is being rebuilt as a concert hall with its first concerts to be held there in the year 2000. By using visual and aural simulations, this film demonstrates the building's architectural redesign into a concert hall. At first, "dry" piano music is heard. When the to be redesigned concert hall is entered, music as it will be rendered according to concert hall acoustics takes over. The simulated soundscape changes according to direction and distance of the grand piano to the position of the camera.

CONTRIBUTORS:

Computer Model and
Visualization: Erkki Rousku
CadVance—Helsinki, Finland
Sound Rendering: Tapio Lokki,
Lauri Savioja, Jyri Huopaniemi,
Riitta Väänänen, Ville Pulkki,
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Architectural Design:
Pekka Salminen Architects,
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9 Eroica**PRODUCER:**

Roberto Ziche

SUMMARY:

A medieval knight goes back to a castle after a fight in this CG animation.

CONTRIBUTORS:

Director: Roberto Ziche

Music: Mike Crowley

CONTACT:

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ziche@computer.org

10 Grim Fandango - Sneak Peak

SUMMARY:

Inspired by Casa Blanca and Mexican folklore, "Grim Fandango" is a dramatic and mythical story of crime and corruption that is set in a surreal world. A graphic adventure from LucasArts Entertainment company, "Grim Fandango" features more than 50 mysterious characters and 90 locations, all rendered in stunning 3D animation.

CONTRIBUTORS:

Lead Artist: Peter Tsacle
Project Leader: Tim Schafer
Production Manager: Lleslle Aclaro

CONTACT:

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+1.415.444.8585 fax
jaf@lucasarts.com

11 Pastilles Vichy

PRODUCER:

ExMachina

SUMMARY:

Made on 3D Studio Max with in-house rendering software, "Pastille Vichy" gives a politically incorrect snack an original graphic style.

CONTRIBUTORS:

Director: Pierre Coffin
Agency Euro RSCG BETC
Illustrator: Jean-Christophe Saurel
Production/Computer Graphics:
ExMachina Paris

CONTACT:

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+33.1.44.90.11.91 fax
sophie@exmach.fr

12 Underwater Sunbeams

PRODUCER:

mental images GmbH & Co. KG

SUMMARY:

"Underwater Sunbeams" is a physically correct simulation of sunlight scattered in a participating medium.

CONTRIBUTORS:

Director: Henrik Wann Jensen
Per H. Christensen, Charlotte
Manning, Steffen Volz

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+49.30.315.99.733 fax
henrik@mental.com

13 The Optiverse

PRODUCER:

George Francis, John Sullivan,
Stuart Levy

SUMMARY:

Computer graphics has evolved considerably since Nelson Max's pioneering sphere eversion of the '70s. By minimizing the elastic bending energy of bilipid membranes, we now can symmetrically turn spheres inside out automatically rather than having to do so by hand or with analytical formulas. "The Optiverse" shows what currently can be experienced in the CAVE immersive virtual environment.

CONTRIBUTORS:

Director: George Francis
Original Score: Camille
Goudeseune
Post-Production: Jeff
Carpenter, Dana Plepys

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14 Dolly à la Plage

PRODUCER:

Olivier Emery

SUMMARY:

Dolly, a young girl, plays at the beach.

CONTRIBUTORS:

Director: Christophe de la Mare,
Nicolas Kalbache

Contributors: Olivier Modr,
Patrice Vila

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Olivier Emery

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15 Stà Calando il Soul

PRODUCER:

Declic-Digital Communication

SUMMARY:

This animated videoclip exposes the arrogance of the powerful. Combining real and fantasy bits, it shows how madness can overtake justice.

CONTRIBUTORS:

Director: Licio Esposito

CONTACT:

Lydia Boutot

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16 Spacetime Swing

PRODUCER:

Michael Gleicher

SUMMARY:

"Spacetime Swing" illustrates Autodesk's new technique for retargetting motion capture data to characters of different sizes.

CONTRIBUTORS:

Director: Michael Gleicher

Rendering and Video

Production Assistance: Yann Bertaud

Video Production Assistance: Kevin Lynch

CONTACT:

Michael Gleicher

Autodesk

2465 Latham Street #101

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17 CPU

PRODUCER:

Wayne Gilbert

SUMMARY:

"CPU" explores the frustrating transition from traditional to CG art.

CONTRIBUTORS:

Director: Wayne Gilbert

CONTACT:

Wayne Gilbert

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18 Kazematsuri

PRODUCER:

Yasuo Ohba

SUMMARY:

Kazematsuri is a festival that celebrates gentle breezes. The many colorful creatures featured in this piece will help the viewer experience this joyful festival.

CONTRIBUTORS:

Director: Yasuo Ohba
Software: Kazematsuri (original), Energe
Hardware: SGI Indigo2
Maximum Impact, SGI Octane,
Sony BVW-75, Pluto Space 212

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19 Music For Unprepared Piano

PRODUCER:

Robin Bargar

SUMMARY:

An homage to John Cage, "Music for Unprepared Piano" is a data-driven simulated and physically-based synchronization of sounds and graphics performed by a particle system of tennis balls and golf balls that are fired from a firehose into a piano. A particle system collision controls all the sounds.

CONTRIBUTORS:

Director: Robin Bargar
Contributors: Alex Betts,
Andrew Bedinni, Insook Choi

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20 The Making of Sid and the Penguins

PRODUCER:

Clilly Castiglia

SUMMARY:

"The Making of Sid and the Penguins" is a demonstration of the research in Improvisational Animation that Media Research Laboratory is currently undertaking. The film shows multiple actors performing and interacting in real-time over the web on a PC running Netscape Navigator 4.0 and the Cosmo Player plug-in from SGI.

CONTRIBUTORS:

Director: Ken Perlin, Athomas Goldberg

Technical and Artistic Directors:
Ken Perlin, Athomas Goldberg
Lead Programmer/

Choreographer: Louella Dizon
Animators: Courtney Armitage,
Dan Kanemoto, Jeff Odel,
Jesse R. Quinn, Jeff Robertson,
Tatia Rosenthal

Programmers: Jon Meyer,
Wyatt Anderson, Ying Xu,
Hui-wen Su, Koji Ashida
Penguin Modeler/Alias

Consultant: Jesse R. Quinn

Video Editor: Virginie
Danglades, Dan Kanemoto
Systems Administrator: Duane
Whitehurst

Music: C music

Equipment: Communication
Specialties, Inc.

Additional Animation: Dsquare
Inc., Dan Moss, Dan Schrecker

Contributors: NYU Center for
Advance Technology, Stuart
Piltch, Steve Cooney

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clilly@cat.nyu.edu

21 Baby Elephants Day Out

PRODUCER:

John Francis

SUMMARY:

Baby elephants ride pushbikes around a city.

CONTRIBUTORS:

Director: John Francis

CONTACT:

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+61.3.9818.4252 fax

22 Bug

PRODUCER:

Jin Wan Park

SUMMARY:

In this story a bug and a man represent the struggle between normal people and a dictator. Metaball facial expression was used to convey the grotesque environments.

CONTRIBUTORS:

Director: Jin Wan Park
Music: Seung Jun Chang

CONTACT:

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23 Rendering with Natural Light

PRODUCER:

Paul Debevec

SUMMARY:

This technical and creative piece describes how a series of differently exposed photographs can be used to accurately record lighting information, and how such lighting information can be used to illuminate synthetic objects with natural light.

CONTRIBUTORS:

Director: Paul Debevec
Contributors: Gregory Chew, Sami Khoury, Gregory Ward Larson, David Metzger, Kevin Deus, Jonathan Bach, Hal Wasserman, Tim Hawkins, Charles Ying

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24 Citroën Saxo

PRODUCER:

Telena

CONTRIBUTORS:

Director: Lionel Moujin
Inferno Artists: Eve Ramboz

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25 Trade Secrets of the Violin Masters

PRODUCER:
IMIT

SUMMARY:

Uniting various motion capture, scanning, and animation techniques, this technological fusion piece captures and replicates the playing characteristics of the world's master violinists, both for the preservation of their legacy and for the study within an interactive educational program series.

CONTRIBUTORS:

Director: Laurence Leydier
Contributors: Interactive Media Productions, Nothern Digital, Cyberware, MIT, Biomechanics, Waxworks

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lleydier@total.net

26 Cloison (Partitions)

PRODUCER:
Agave-Canal+

SUMMARY:

"Partitions" is the story of a man and a woman who dance through walls and partitions. It also is the story of a city that is made up of a myriad of cells, boxes, rooms, and recesses, each explored from the inside, layer after layer. Through the use of sinuous choreography, bodies, identities, forms, places, and glances are transformed.

CONTRIBUTORS:

Director: Bériou
Music: Gilles Fournier

CONTACT:

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beriou@club-internet.fr

27 Still Life

PRODUCER:

Ringling School of Art and Design

SUMMARY:

Does destruction promote evolution? In an attempt to become human, a mechanical vulture violently enters the corpse of a car crash victim .

CONTRIBUTORS:

Director: Scott Curtin

Concept/Animation/Music

Composer/Audio Mix: Scott Curtin

Faculty Advisor: Ed Cheetham

Video/Audio Support: Phil Chiocchio

Software: Alias PowerAnimator,

Composer

Hardware: SGI O2

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Scott Curtin

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28 Zaijian

PRODUCER:

Nobuto Ochiai

SUMMARY:

"Zaijian" is a pilot film for an original full CG movie. Set in an imaginary Asian city in the near future, it tells the story of a child trying to survive in a city ravaged by civil war.

CONTRIBUTORS:

Director: Nobuto Ochiai

Character created by Hiromi Hayashi.

Special thanks: Kensuke

Yamamoto, Miwako Fukawa.

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29 The Smell of Horror

PRODUCER:

Mitch Butler

SUMMARY:

Flip, a good old Southern boy, drives to a strange dark house to test it for toxic fumes. Once there, a little man answers the door. How much more unusual can Flip's day get?!

CONTRIBUTORS:

Director: Mitch Butler

Contributors: Mitch Butler,
David Alan Earnest, Jim Stoner,
Flip Perkins

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30 Bingo

PRODUCER:

Chris Landreth

SUMMARY:

What happens when a theatrical play is transformed into an animation? "Bingo" is an animation based on the short play "Disregard This Play" by Greg Kotis, which originally was produced by Chicago's Neo-Futurist Theatre Company. Its story deals with the age-old question "What if a lie is told long enough and loud enough?" It is the first animation to be fully-produced with Alias|Wavefront's Maya animation software.

CONTRIBUTORS:

Director: Chris Landreth

Cast:

Seated Man: David Kodeski

Pinhead: Phil Ridarelli

Harlequin: Diana Slickman

Balloon Girl: Stephanie Shaw

Recorded: Post Effects

Animation: Chris Landreth,

David Baas

Shading/Lighting/Rendering/

Compositing: Owen Demers

Set Design/Modeling: Ian

Hayden

Character Modeling/Texturing:

Mark Forbes, Daniel Hornick,

Ted Charlton, Dough Law,

Gerry van Ommen Kloeke

Animators/Technical Directors:

Daniel Roizman, Jeff Bell, Tim

Rowlandson, Karan Singh, Rick

Kogucki, Jon Tojek, Martin

Werner

Hairstyles: Duncan Brinsmead

Additional Modeling: Tim

Hanson, Robert Magee, Paul
Roy
Storyboard/Character Sketches:
Mike Kitchen
Motion Capture/Stock Video
Editing: Rob Aitchison, Scott
Albert
Editor: Matt Lyon
Music Arranged/Performed: Jim
LaMarche
Musicians: Jeremy Edwardes,
Jeff Burke, Ron Ruhe
Sound Effects/Editing: Simon
Edwards
Sound Edit: ICE Inc.
Music Recorded/Mixed: Cherry
Beach Sound
Producers: Kevin Tureski, Andy
Jones
Executive Producer: Penny
Wilson
Software: Alias|Wavefront Maya
1.0
Special thanks: Maya 1.0 Team,
Chris Tome, Jeff Benrey

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