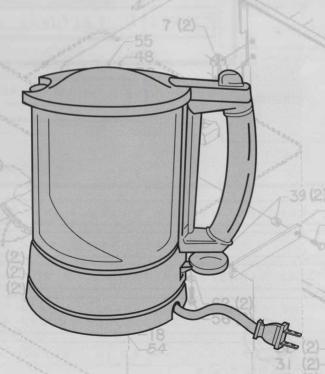
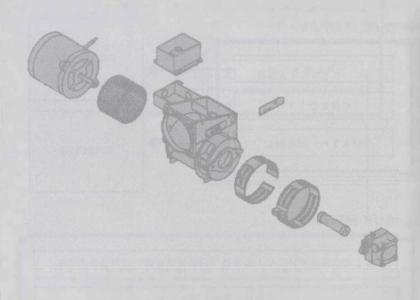




ELECTRONIC THEATER PROGRAM



ACM SIGGRAPH VIDEO REVIEW ISSUE 144



Order Information:

SIGGRAPH Video Review

c/o ACM PO BOX 11414

New York, NY 10286-1414 USA phone: +1.800.342.6626 USA/Canada +1.212.626.0500 International

fax: +1.212.944.1318 email: svrorders@siggraph.org

www.siggraph.org/publications/video-review/SVR.html

Most of the pieces in this SIGGRAPH Video Review are copyrighted. Therefore, they are not to be duplicated, broadcast, photographed nor edited without the express written permission of the individual copyright holder.

ACM SIGGRAPH VIDEO REVIEW ISSUE 144 **ELECTRONIC THEATER PROGRAM**

Table of Contents

02	Dawn - NVIDIA
03	The Boxer: Round 1 - Tuba A
04	Molecular Visualizations of D
	- The Walter and Eliza Hall In
05	Mickey's Buddy - Ringling Sc
06	After You - Ringling School o

01 Respire - Jerome Combe

- nimation Studio

 - stitute of Medical Research
 - hool of Art and Design
- f Art and Design
- 07 Chainsmoker Lost Liner Productions 08 The Boxer: Round 2 - Tuba Animation Studio
- 09 WarCraft III: Reign of Chaos Blizzard Entertainment
- 10 GDF "Dolce Vita" la maison
- 11 Exigo Black Hole Entertainment / Digic Pictures
- 12 Biork "Nature is Ancient" Classworks
- 13 The Boxer: Round 3 Tuba Animation Studio
- 14 The Dog Who Was A Cat Inside Passion Pictures
- 15 Eat Your Peas Ringling School of Art and Design
- 16 Show & Tell Kapow Pictures
- 17 Poor Bogo Ringling School of Art and Design
- 18 Polar Bears "Gary's Fall" Passion Pictures
- 19 Tim Tom Supinfocom / One Plus One
- 20 Fternal Gaze Sam Chen

SPECIAL FEATURES

Computer Animation Festival / SIGGRAPH Video Review Credits

- 21 SIGGRAPH 2003 Papers Review
 - Carnegie Mellon University, MERL Cambridge Research, DreamWorks
- 22 Computer Animation Festival Trailer Digital Domain
- 23 Director's Commentary for "Eternal Gaze" Sam Chen
- 24 2002 Academy Award Winner for Best Animated Short "The ChubbChubbs!"
 - Sony Pictures Imageworks

01 Respire

3:42

A 3D animation for a French rock band, completed in 1 month with 5 people.

Directors: Jerome Combe, Stephane Hamache, Andre Bessy Producer: Virgin Music, EMI Contributors: Eric Prebende, Sylvain Tardiveau

Contact:

Jerome Combe 16 Pass Charles Dallery 75011 Paris France +33.6.1439.4358 j.combe@wanadoo.fr

02 Dawn

2.41

We tried to create an attractive, realistic-looking real time character to show off the power of programmable shading and vertex processing on the GeForceFX. Dawn walks around, flirts with the camera, and makes faces at the audience.

Contact:

Joe Demers
NVIDIA
2701 San Tomas Expressway
Santa Clara, CA 95050
USA
+1.408.486.2143
jdemers@nvidia.com

Contributors: NVIDIA Demo Team

03 The Boxer: Round 1

1:15

In a dark room, a pair of boxing dolls stare at each other silently. Even with the smallest move they cannot help hitting each other. A funny boxing game featuring Vicky and Johnny, a tomboy and a poor fella who can never win.

Director: Shin Tae Sik Producer: Ahn Sung Jai

Contact:

Shin Tae Sik
Tuba Animation Studio
Kyong-dong 135-7, Jung-gu
400-160 Inchon
South Korea
+82.32.777.4954
+82.32.777.4957 fax
tubaani@tubaani.com

04 Molecular Visualizations of DNA

3:05

These DNA molecular visualizations were created for the multifaceted 'DNA' project, celebrating the 50th anniversary in 2003 of the discovery of the double helix. The 'DNA' project includes a five-part documentary series, museum film and online resources for teachers and students. The dynamics and molecular shapes were based on X-ray crystallographic models and other published scientific data sets. Leading scientists, including many Nobel Laureates, critiqued the animations during their development.

Particular effort was made to ensure that relative shapes, sizes and 'real-time' dynamics were as accurate as possible. The primary system used for building the animations was Maya PaintFX.

Director: Max Whitby Producer: Drew Berry

Contributors: leremy Pickett-Heaps.

Suzanne Parke, Franc Tetaz

Contact:

Drew Berry
The Walter and Eliza Hall
Institute of Medical Research
1G Royal Parade
3050 Parkville
Australia
+61.3.9345.2416
berry@webi.edu.au

05 Mickey's Buddy

1:50

Mickey's life has changed forever since his dog died. He found a new dog to keep him company though. He's a good dog but very lazy. He

never wants to play ball or even go for a walk without a struggle. See what happens when a surprise visitor stumbles upon them.

Director: Pete Paquette

Producer: Ringling School of Art and

Design

Contributors: Ringling Computer Animation Faculty, LucasArts "Gladius" Team, Class of 2003, Computer Animation Seniors, Somchi Greene, Emily Paquette

Contact:

Pete Paquette Ringling School of Art and Design 17 Barrows Street

Middleboro, MA 02346 USA

+1.941.302.1949 +1.941.359.7669 fax pete_paquette@yahoo.com

www.rsad.edu

2:24

A power struggle for one and simply an act of kindness for another. There is a thin line between good manners and manipulative behavior. "After You" is a comical play derived from that very line.

Director: Christopher Cordingley Producer: Ringling School of Art and Design

Desigr

Animation & Music: Christopher Cordingley

Contact:

Christopher Cordingley Ringling School of Art and Design 18606 Carriage Court Houston, TX 77058 USA +1.941.359.7536

+1.941.359.7536 +1.941.359.7669 fax cordingleyct@netscape.net www.rsad.edu

07 Chainsmoker

An old woman living in a home badly wants to smoke but is not allowed to. She struggles in a situation where she suddenly is treated as a child and therefore acts as one. A celebration to the greatness of being small and very human, but also of one's determination in never giving up.

Director/Producer: Ulf Lundgren Contributors: Joel Lundgren,

Mia Tinglaf

3:46

Contact:
Ulf Lundgren
Lost Liner Productions
c/o Kallenberg
Svartensgatan 31
116 20 Stockholm
Sweden
+46.70.224.5099

+46.70.224.5099 +46.442.7319 fax kp96uln@hotmail.com www.lost.com.tj

08 The Boxer: Round 2

Round 2 of the funny boxing game featuring Vicky and Johnny, boxing dolls who cannot help but hit each other. The tomboy and a poor fella who can never win, take aim at each other in this second in a series of animations by Tuba Animation Studio

Director: Shin Tae Sik Producer: Ahn Sung Jai 1:45

Contact:

Shin Tae Sik
Tuba Animation Studio
Kyong-dong 135-7, Jung-gu
400-160 Inchon
South Korea
+82.32.777.4954
+82.32.777.4957 fax
tubaani@tubaani.com

www.tuhaani.com

MarCraft III: Reign of Chaos

2:28

This beautiful and evocative glimpse into the story of Warcraft is the best representation of the lands of Azeroth yet created. The Warcraft III Pre-Rendered Cinematics break new ground in computer graphics by bringing huge armies, cloak-enshrouded, long-haired characters, and photorealistic landscapes to the screen. Created on PC's running 3D Studio MAX. Compositing was handled using Adobe After Effects and Discreet Combustion.

Director: Nick Carpenter
Producer: Scott Abeyta
Contributors: Scott Abeyta,
John Burnett, Nicholas S. Carpenter,
John Chalfant, Jeff Chamberlain,
Aaron Chan, Ben Dai, Joe Frayne,
Jay Hathaway, Harley D. Huggins II,
Jared Keller, Jon Lanz, James McCoy,
Matthew Mead, Dennis Price,
Matt Samia, Mark Skelton,
Patrick Thomas, Seth Thompson,
Ru Weerasuriya, Kenson Yu

Contact:

Scott Abeyta Blizzard Entertainment 131 Theory Irvine, CA 92612 USA +1.949.955.1380 x1853

+1.949.955.1380 x1853 +1.949.737.2000 fax

sabeyta@blizzard.com

4n GDF "Dolce Vita"

1:07

A man floating on a bubble armchair, a woman flying down the stairs in a coat of feathers, another man bathing.

Director: Bruno Aveillan

Producer: Quad Agency: Australie

Digital Visual Effects: la maison, Annie Dautane

Shooting Supervisors: Francois

Dumoulin, Pierre Pilard

Everkim Artists: Brung Maillardin CG Supervisor: Luc Froehlicher

CG Artists: Pierre Pilard,

Matthieu Royer, Vincent Thomas, Guy Rabiller, Ahmidou Lyazidi.

Luc Froehlicher,

Bénédicte Legrand Robert,

Myriam Catrin

Digital Visual Effects Coordinator:

Dorothée Dray

Contact:

Annie Dautane la maison

13-15 rue Gaston Latouche

92210 Saint Cloud

France

+33.1.4112.2000 +33.1.4112.2001 fax

marie@alamaison.fr

www.alamaison.fr

11 Exigo

3:40

Through the realistic fantasy world of the Exigo computer game, the film portrays the death of a nameless soldier in the land of the Mordens. In making the animation, DIGIC Pictures gathered together Hungary's most experienced CG artists. Primary aims were to fully execute all details, reflected in the extremely thorough models, character textures and fineness of movement, and to create a visual world which uses graphics originally yet remains photorealistic, moving the viewer deeply both in detail and as a whole.

Director: Jeni Udvardi

Producers: Alex Sandor Rabb, Istvan Zsuffa

CG Supervisor: Gabor Marinov

Leading CG Artists: Andras Tarsoly, Istvan Zorkoczy

Technical Director: Imre Toske

CG Artists: Daniel Bukovec, Gyorgy Horvath, Gergely Kali, Andras Ketzer, Sandor Molnar, Ivan Sarosacz, Attila Sziklai

Matte Painter: Ikos Haszon

Concept Design: Zoltan Boros, Tibor Dimity, Gabor Szikszai,

Gerai Sziptner

Director's Assistant: Judith Pethi Motion Capture: Szabolcs Jozsa.

Philos Laboratories

Stunts: Laszlo Mecseki, Béla Unger

Sound FX: Yellow Studio Narrator: John Well

Original Music: Ikos Ambrus.

Péter Tolnay

Music Performance:

Budapest Symphony Orchestra
Orchestra Conductor: Laszlo Kovacs

Contact:

Gabor Marinov
Black Hole Entertainment /
Digic Pictures
Fehervari ut 85
H-1119 Budapest
Hungary
+36.309.427.163

gabor.marinov@blackholegam es.com

12 Bjork "Nature is Ancient"

4:16

The piece features intricate Adam and Eve creatures that have an abstract, primitive form and live in a fluid environment alive with microscopic life. Using NURBS modeling, Glassworks' 3D department

created layers of texturing to achieve the complex look of the characters. The membrane layers were achieved via a plug-in shader which essentially creates millions of soft particles that build up without all the hard edges of typical 3D geometry. Completed using Maya and Inferno with the shader programmed in C++.

Contact:

Jay Lichtman Glassworks 33/34 Great Pulteney Street W1F 9NP London United Kingdom +44.207.4343.1182 jay@glassworks.co.uk

13 The Boxer: Round 3

What can be expected of Vicky and Johnny, the funny pair of boxing dolls in this 'Round 3' of animation? Is Johnny truly destined to never win? Or will Vicky, the tomboy prevail with a knock-out?

Director: Shin Tae Sik Producer: Ahn Sung Iai Contact:

Shin Tae Sik
Tuba Animation Studio
Kyong-dong 135-7, Jung-gu
400-160 Inchon
South Korea
+82.32.777.4954
+82.32.777.4957 fax
tubaani@tubaani.com

14 The Dog Who Was A Cat Inside

3:11

The difference between these two animals comes to represent inner conflict and learning to live with it. The visual style is inspired by Cubism and how that style can illustrate many facets of the same thing. A mixture of traditional, hand-painted and 3D computer animation

Director: Siri Melchior Producers: Andrew Ruhemann, Sian Rees Contributors: Siri Melchior, Russell Brooke, Tessa Lewin, Tanya Vardaki, Tim King, Itxaso Larrocea, Tessa Lewin, Tanera Dawkins, Tim Barker, Julian MacDonald, Sonia Riller, Matt Duncan, Kevan O'Brien

Contact:

Joanna Stevens
Passion Pictures
33-34 Rathbone Place
3rd Floor
W1T 1JN London
United Kingdom
+44.207.323.9933
+44.207.323.9030 fax
joanna@passion-pictures.com

2:29

15 Eat Your Peas

1:55

Should you follow your heart, or follow instructions? There are times when people should listen to that little voice inside their head, and

there are times when they should listen to the voice of authority. The difficulty lies in distinguishing the two.

Director: Paul Hargrave

Producer: Ringling School of Art and

Design

Music: Ivan Kaplow Piano: Pat Osborne

Contact:

Paul Hargrave Ringling School of Art and Design 2108 Foxford Street Cantonment, FL 32533 USA

+1.850.973.1691 phargrave@att.net www.rsad.edu

16 Show & Tell

4:19

Earl is a student in a dank Victorian schoolhouse. A bit of a misfit amongst his classmates, it is his turn to "Show & Tell". In a building

crescendo of showmanship, he draws forth from his bag a barrage of items. Ms. Beeble, the Teacher, does her best to control the ensuing anarchy, but Earl gets the better of her, and has the best day of his life.

Director: Mark Gravas Producer: Sandra Walters

Contributors: Bradley Trevor Greive,

Darren Price, Ben Cowell

Contact:

Philip Klaunzer
Kapow Pictures
5 Ridge Street North Sydney
2060 Sydney
Australia
+612.9929.4455
+612.9929.4755 fax
phil@kapowpictures.com

17 Poor Bogo

1:39

Inside the wonderful world of a young girl's imagination, Bogo has the best time in ones life.

Constantly laughing, playing and eating candy, life couldn't get any sweeter. It is only until this beautiful world is confronted by a boring and cruel reality that all the joy quickly fades away.

Director: Thelvin Cabezas

Producer: Ringling School of Art and

Design

Contributors: Maggie McCampbell,

Steve Houston, Don Brandes

Contact:

Thelvin Cabezas Ringling School of Art and Design 2700 Tamiami Trail Sarasota, FL 34234 USA

+1.941.359.7536 +1.941.359.7669 fax thelvinc@yahoo.com www.rsad.edu/~tcabezas

18 Polar Bears "Gary's Fall"

2:16

Captive polar bears Gary and his son Shane are playing football with an old tin. Just as mum Claudia warns Shane not to fall, Gary falls in the recently emptied pool instead. He ends up with both arms sticking out sideways in plaster, prompting the other polar bears to tease him relentlessly. This computer animation was produced over a 7 month period by animation house and post facility MacGuff Ligne in Paris using Maya software for the animation and their own proprietary software MGLR (MacGuff Ligne Rendering) for the rendering and compositing.

Director: Pierre Coffin

Producers: Hugo Sands, Erika Forzy Production Company: Tiger Aspect Series Producer: Lucy Robinson Executive Producer: Mark Chapman Writer: Christopher Benson

Voices: Lenny Henry (Gary), Alison Steadman (Claudia), Trevor Peacock (Uncle Ian), Barry Farrimond (Shane) Voice Recording: Graham Stotten at Videosonics

Animation Production: Passion Pictures

Director: Pierre Coffin

Art Directors: Pierre Coffin, Etienne Pecheux Editors: Pierre Coffin, Etienne Pecheux Executive Producer: Andrew Ruhemann

CG Animation: MacGuff Ligne Animators: Barthelemy Boirot,

Christophe Barnouin.

Isabelle Auphan, Valerie Ede,

Luc Degardin

Producer: lacques Bled.

Nicolas Trout

FX Supervisor: Etienne Pecheux Rendering: Niklaus Bruneau, Franck Clarenc. Mathieu Gros.

Etienne Pecheux Production Assistant: Delphine Le Roch

Contact:

Joanna Stevens
Passion Pictures
33-34 Rathbone Place
3rd Floor
W1T 1 JN London
United Kingdom
+44.207.323.9933
+44.207.323.9030 fax
joanna@passion-pictures.com

19 Tim Tom

4:20

Two animated characters, Tim and Tom want to meet, but their creator does not readily oblige. A homage to the cartoon film, with touches from the Thaumatrope, the studio Aardman, and the influences of Tex Avery.

Directors: Romain Segaud,

Christel Pougeoise

Producer: Supinfocom Valenciennes

Contact:

Maud Bonassi
Supinfocom / One Plus One
14, rue de Marignan
75008 Paris
France
+33.1.42.25.91.86
+33.1.42.25.91.92 fax
maud@oneplusone.fr

20 Eternal Gaze

15:46

A poignant story of an artist, his art, and reciprocated love. Inspired by the life of one of the greatest artists of the twentieth century, the film follows Alberto Giacometti through the last 9 years of his

remarkable life, and journeys into the depths of his famously tortured psyche. Along the way, we experience the human condition of despair, love, and hope that is as much a part of Giacometti's art as it is about the artist himself.

Director/Producer: Sam Chen Contributor: Jamey Scott

Contact:

Sam Chen 4731 Wendeli Street San Diego, CA 92105 USA

+1.858.336.9937 +1.801.720.9138 fax sambochen@yahoo.com www.EternalGaze.com

SPECIAL FEATURES

21 SIGGRAPH 2003 Papers Review

2:33

The SIGGRAPH Papers Review is an opportunity to showcase video segments from the Papers Sessions within the Computer Animation Festival. This year's review includes new ideas for skinning models, rendering skin, calculating shadows, and simulating cloth, smoke and collisions. The narration reflects the light tone given to the piece, featuring the vocal talents of Chris Miller. Edited by Maurissa Horwitz with music by Kristin Dyrud.

Directors/Producers:

Jessica Hodgins, Carnegie Mellon

University; Joe Marks,

MERL; Mark Edwards, DreamWorks

Editor: Maurissa Horwitz Magic Mirror: Chris Miller Animation: Chung Chan Music: Kristin Dyrud

Video Transfer: Brian Staszel

Contact:

Joe Marks MERL 201 Broadway Cambridge, MA 02139

+1.617.621.7534 +1.617.621.7550 fax

marks@merl.com

22 Computer Animation Festival Trailer

3:04

Each year, the Computer Animation Festival Chair produces a number of different high-energy pieces consisting of clips from some of the most visually stimulating work accepted into the program. These pieces are shared with international and national media bureaus, used to advertise the Animation Theater at the

conference, and used to generally stimulate interest in the festival. The trailer included on this year's DVD is a reflection of the various trailers that were cut for the show.

Director/Producer: Darin Grant Editor: Russ Glasgow

Music: Matt Fairclough

Contact: Darin Grant Digital Domain 300 Rose Avenue Venice, CA 90291 USA

+1.310.314.2800

+1.310.314.2888 fax

darin@d2.com

23 Director's Commentary for "Eternal Gaze"

15:46

Contact:

Sam Chen 4731 Wendell Street San Diego, CA 92105 USA

+1.858.336.9937

+1.801.720.9138 fax sambochen@vahoo.com

www.FternalGaze.com

24 2002 Academy Award Winner for Best Animated Short "The ChubbChubbs!"

5:37

When Sony Pictures Imageworks president Tim Sarnoff encouraged company artists and animators to create an original story, "The ChubbChubbs!" was conceived. Imageworks' first all-CG short introduces the alien inhabitants of the Planet Glorf: Meeper, the earnest but oh so awkward hero, the singing Diva, the Zyzaks and the ChubbChubbs. In this debut short, Meeper valiantly tries to warn the patrons of the Ale-E-Inn, an intergalatic watering hole with its own constellation of stars, of impending danger only to find himself face to face with the toughest creatures in the universe. "The ChubbChubbs!" began as a test of Imageworks' production pipeline and went on to win an Academy Award® for Best Animated Short Film.

Director: Eric Armstrong Producer: Jacquie Barnbrook Story by: Jeff Wolverton

Production Designer: Yarrow Cheney Digital Supervisor: Alberto Menache Animation Supervisor: Steve Markowski

CG Supervisor: Andrew Titcomb

Effects Animation Supervisor: Darren Lurie Character Technical Supervisor: JJ Blumenkranz

Modeling Supervisor: Kevin Hudson Lead Storyboard: Kevin Johnson Lead Lavout: Donald Reich

Lead Animation Support: Yakov Baytler

Storyboard and Character Design: Thor Freudenthal, Brian

Kindregan, Sean Mullen, Vladimir Todorov Digital Production Manager: Franco Pietrantonio

Production Coordinator and Voice of Meeper: Bradford Simonsen

Animators: Ana Alvarado, Renato Dos Anios, Ralph Fernan. Derek Friesenborg, Peter Giliberti, Pedram Goshtashpour, Nicole Herr, Chris Hurtt, Paul Jessel, Anthony LaMolinara, Jeff Lin. Kenn McDonald, Noel McGinn, Gavin Moran, Jason Reisig, Rick Richards, Troy Saliba, Henry Sato, Brian Schindler, David Earl Smith, Keith W. Smith, Chad Stewart, Bill Tessier. Alex Tysowsky, Dave Vallone, Jim Van der Keyl, Roger Vizard. Christopher D. Williams Color and Lighting: Dan Abrams, Grant Anderson, Steven Blakev. Alan Chan, Clint Colver, Greg Derochie, Mark DeSouza, Jeff Dillinger, Colin Drobnis, Sing-Choong Foo, Alex Grau, Harry Gunderson. John T. Lee, Lyndon Li, Benjamin Lishka, Tim Llewellyn, Simon Maddocks, Arnon Manor, Mario Peixoto, Alan Precourt, Thomas Pushpathadam, Allen Ruilova, Sergi Sagas, Laura Scholl, leff Shank, Aliza Sorotzkin, Baudoin Struve, Dan Ziegler Visual Effects: Doug Creel, Sho Igarishi, Daniel Kramer,

Layout Artists: Alex Head, Gregory Nic Nicholson, Eric Peterson, John Schmidt

Character Set Up and Support: Aaron Campbell, Lauren Carr, Sumit Das, Koji Morihiro, Maks Naporowski, Carolyn Oros, Todd Pilger, Brian Thompson, Christopher Waegner, Kelly Wilcox Modelers: Henry Darnell, Marvin Kim, Kui Han Lee, Edward Taylor,

Alex Whang, Dustin Zachary Shader Writer: Mark Hall

Inferno Artist: Andrew Mumford Painters: Suzy Brown,

Daniel La Chapelle. Steve LaVietes

Sully Jacome-Wilkes, Susan Kornfeld, Sonserae Leese, Raquel Morales,

Travis Price, Donna Tracy

Matte Painter:

Joshua Geisler-Amhowitz Software Engineering Lead:

Armin Bruderlin

Contact:

Mary Reardon Sony Pictures Imageworks 9050 W. Washington Blvd. Culver City, CA 90232 USA

+1.310.840.8000

+1.310.840.8100 fax maryr@imageworks.com

www.imageworks.com



phone +1 800 342 6626 USA/Canada +1 212 626 0500 International

email svrorders@siggraph org www.siggraph.org/publications/video-review/SVR-html

MANUFACTURED BY TOSHIBA DIGITAL FRONTIERS INC.

+1 212 944 1318

Most of the pieces in this SIGGRAPH Video Review are copyrighted. Therefore, they are not to be duplicated, broadcast, photographed nor edited without the express written permission of the individual copyright holder.

SIGGRAPH Video Review

New York, NY 10286 1414 USA

DOLBY Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

PO BOX 11414

Order Information

4:3