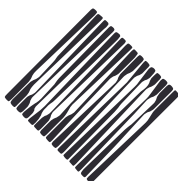


ACM SIGGRAPH VIDEO REVIEW



ISSUE 95

SIGGRAPH 93
Small Animation Theater
Architecture Reel

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ACM SIGGRAPH Video Review

Issue 95

**ACM SIGGRAPH 95
Small Animation Theater
Architecture Reel**

1 . From Ruins to Reality

Time: 00:02:33

Producer:

Luc Genevrie

Summary:

The Dresden Frauenkirche was destroyed by the fire-storm that followed the devastating air raids suffered by Dresden in February 1945. Using the few surviving photographs and drawings, a computer animation has been generated that recreates the original glory of the Frauenkirche; a virtual reality.

Contributors:

Brian Collins, Dave Williams,
Luc Genevriez, Pascal Nicot,
Pierrick Brault, Xavier Coyere

Sponsor:

IBM Corporation

Hardware:

IBM (RISC System/6000,
POWER Visualization System)

Software:

Catia; Nefertiti; Data Explorer;
TDImage (Major Part)

Copyright:

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2. Sendai Castle

Time: 00:04:51

Producer:

Yoshiyuki Hamano, CAD
Center Corporation

Summary:

The Sendai Castle was built by Masamune Date, a famous daimyo in the early 17th century, but nothing remains today. The recent computer graphics technology has made it possible, based on the historical record, to picture the castle buildings and interior paintings as they were.

Contributors:

Nigou-Sei Architect & Associate Office, Day Plus, Inc., Gizmo, Inc., Chishaku-in, Daigo-ji Shingen Mission, Daikaku-ji, Hayashibara Museum of Art, Imperial Household, Juko-in Kennin-ji, Matsushima-cho, Nagoya Castle, Ohsaki Hachiman-jinja, Onjo-ji, Takumi Satoh, Zuigan-ji, Sendai City Museum, Tokyo National Museum, Tokyo National University of Fine Arts and Music

Sponsor:

Miyagiken Gokoku-Shrine

Hardware:

Animation: Silicon Graphics
Crimson Reality Engine,
Modeling: VAX

Software:

Animation: QuBISM, Modeling:
GDS/SVS

Copyright:

CAD Center Corporation

Contact:

Yoshiyuki Hamano
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1-7-16 Sendagaya
Shibuya-ku, Tokyo 151
Japan
81.3.3470.8701
81.3.3470.8705 fax

3. Center for Ecology Research and Training Flyby

Time: 00:01:05

Producer:

U.S. Environmental Protection Agency, North Carolina Supercomputing Center

Summary:

This video is an architectural flyby of the U.S. Environmental Protection Agency's proposed Center for Ecology Research and Training in Bay City, MI. The animation is a collaboration between the North Carolina Supercomputing Center and the U.S. Environmental Protection Agency.

Contributors:

Chris Landreth, North Carolina

Supercomputing Center; Acha Debela, North Carolina Central University; Theresa Rhyne, Martin Marietta Technical Services; Walter Shackelford, U.S. Environmental Protection Agency; Ed Williams, Microelectronics Center of North Carolina; Odell Associates, Inc.

Special Thanks:

Martin Marietta Technical Services; Microelectronics Center of North Carolina; North Carolina Supercomputing Center; Unisys Corporation

Sponsors:

U.S. Environmental Protection Agency, North Carolina Supercomputing Center

Hardware:

Silicon Graphics VGXT

Software:

Wavefront Advanced Visualizer

Copyright:

Public domain

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trhyne@vislab.rtpnc.epa.gov

4. Tokyo International Forum

Time: 00:13:22

Producer:

Wayne Herman

Summary:

The Tokyo International Forum is a multicultural arts center, designed by New York-based Rafael Viñoly Architects for the Tokyo metropolitan government. This video will be used as a visualization tool by Japan, on an international level, to promote the Tokyo International Forum prior to architectural completion.

Contributors:

W. Herman, D. Finn, F. Mendoza, G. Councilor, I. Kos

Sponsor:

Tokyo Metropolitan Government

Hardware:

Silicon Graphics (IRIS Indigo XS24, Personal IRIS)

Software:

Alias 3.1.1

Copyright:

Rafael Viñoly Architects

Contact:

Wayne Herman
Rafael Viñoly Architects
50 Van Dam Street
New York, NY 10013
212.924.5060
212.924.5858 fax

5. Cluny

Time: 00:02:36

Producer:

ARC

Summary:

The Cluny Abbey was the most important building erected to the glory of God during the Middle Ages. It was destroyed after the French Revolution, and we have "rebuilt" it.

Contributor:

IBM France

Hardware:

IBM RISC System/6000

Software:

TDImage

Contact:

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6. De Karnak à Louq̄sor: La Machine à Remonter le Temps

Time: 00:02:58

Producer:

Annick Ouvrard

Summary:

Simulation of the temples of Karnak at Luxor.

Contributors:

Jacques Barsac, Pascal Vuong;
Music: Jean Mallet

Hardware:

Silicon Graphics

Software:

TDI Explore, In-house software

Contact:

Anna-Karin Quinto
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Paris 75018
France
42.93.26.27
42.93.53.44 fax

7. Ginza Walk Through

Time: 00:01:29

Producer:

Michio Iwaki

Summary:

This is the reappearance of the old restaurant called Shiseido Parlour in Ginza in a fashionable area of Tokyo. Shiseido Parlour was built in 1927 and designed by Kenjiro Maeda, taking the style of art deco, and expressing the atmosphere of the 1920s.

Contributors:

H. Hayashida, Y. Hamajima (freelance), N. Motoyoshi (freelance), M. Fukui, S. Igarashi, K. BaBa, T. Hashizume

Hardware:

Silicon Graphics, HP 700

Software:

Personal LINKS; TAV; in-house