ELECTRONIC THEATRE

**SIGGRAPH '91
Electronic Theatre
Program**

Opening Sequence
00:40
Produced by:
Eurocitel

**The Ancient World
Revisited (excerpt)**
00:45
Produced by:
Taisei Corporation

The Astronomers
03:45
Produced by:
Kleiser-Walczak Construction
Co. in association with Santa
Barbara Studios

**Broadcast Designers
Association Open**
00:25
Produced by:
Xaos Inc.

Clear Mind & Kooshball
00:50
Produced by:
MetroLight Studios, Inc.

Color Bars
01:00
Produced by:
Michael Keeler, Kubota Pacific
Computer Inc.

**Cosmological N-Body
Simulations**
00:45
Produced by:
Massachusetts Institute of
Technology

Digitaline
01:30
Produced by:
Edem Production/AGAVE S.A.

Don Quichotte
02:20
Produced by:
Videosystem

**Echoes of the Sun
(excerpt)**
06:00
Produced by:
Imax Systems Corporation and
Fujitsu Ltd.

Enter the Elgin
02:09
Produced by:
Alias Research Inc. and De-
sign Vision, Inc.

**Evolution of Gravity and
Effective Topography on
Phobos**
02:50
Produced by:
Wayne Lytle, Cornell National
Supercomputer Facility

Festival (excerpt)
02:00
Produced by:
Yoichiro Kawaguchi, Nippon
Electronics College

Fire Beast
00:45
Produced by:
Ryoichiro Debuchi, High Tech
Laboratory Japan Inc.

IGT (Inter Galactic Travel)
04:20
Produced by:
LINKS Corporation

**The Invisible Man in Blind
Love**
04:30
Produced by:
Eurocitel

Into the 4th Dimension
04:30
Produced by:
Rick Harper for Landmark En-
tertainment Group and Sanrio
Co., Ltd.

The Key is Light
02:55
Produced by:
Hewlett Packard Company T.V.

Leaf Magic
01:15
Produced by:
IBM T.J. Watson Research
Center

**Lifesavers: The Good
Times Roll**
00:35
Produced by:
Topix Computer Graphics and
Animation Inc.

The Listener
01:25
Produced by:
Christopher Landreth and
Robin Bargar, North Carolina
Supercomputing Center

Lost Animals
03:00
Produced by:
HD/CG New York for ENCOM

**Luxo Jr. in "Light & Heavy"
and "Surprise"**
01:30
Produced by:
Pixar Animation Production
Group for Sesame Street

Magellan at Venus
01:30
Produced by:
Solar System Visualization
Project at the Jet Propulsion
Laboratory — California Insti-
tute of Technology Digital
Image Animation Laboratory
(DIAL), JPL Multi-mission
Image Processing Laboratory
(MIPL), JPL National Aeronau-
tics and Space Administration

Match Light "One Match"
00:35
Produced by:
Rhythm & Hues, Inc.

Maxwell's Demon
07:09
Produced by:
James Duesing, The Univer-
sity of Cincinnati

**Memory of Moholy-Nagy
(excerpt)**
00:45
Produced by:
John Halas, Educational Film
Center (London).

**NASA Ames Virtual
Windtunnel**
01:30
Produced by:
Steve Bryson and Creon Levit,
NASA Ames Research Center

Nintendo Dragon
00:15
Produced by:
Studio Productions, Hol-
lywood

Not Knot (excerpt)
03:30
Produced by:
The Geometry Supercomputer
Project

On The Run
02:00
Produced by:
Leg Laboratory, MIT

SIGGRAPH · 91 LAS VEGAS

Operation C
00:25
Produced by:
Lamb & Company, Inc.

PDI Morph Reel
02:00
Produced by:
Pacific Data Images

Poems of Ernst Jandl
(Gedichte V.E.)
02:05
Produced by:
Eku Wand, Pixelpark GmbH

Primordial Dance
01:50
Produced by:
Karl Sims, Thinking Machines
Corporation

**Reaction-Diffusion
Textures**
01:05
Produced by:
Andrew Witkin and Michael
Kass, School of Computer Sci-
ence, Carnegie Mellon Univer-
sity

**"Terminator 2" Computer
Graphics Effects**
03:00
Produced by:
Industrial Light and Magic

20 Begonias
01:30
Produced by:
Laboratoire de Modelisation
du CIRAD

unNatural Phenomena
01:47
Produced by:
John C. Hart, Electronic Vis-
ualization Laboratory, Univer-
sity of Illinois at Chicago

Virtually Yours
02:30
Produced by:
Matt Elson

**Visualization of Battlefield
Obscurants**
01:10
Produced by:
Geoffrey Y. Gardner, Grumman
Data Systems

Voyager
00:30
Produced by:
Valkieser Group B.V.

Wack
00:20
Produced by:
Harold Buchman, Rhythm &
Hues, Inc.

Wanting for Bridge
05:15
Produced by:
Joan I. Staveley, The Ohio
Supercomputer Center

Water Caustics
00:30
Produced by:
Mark Watt

Wet Science
02:55
Produced by:
Xaos Inc.

**The Works of a Landscape
Painter**
01:00
Produced by:
Electric Machinery Laboratory,
Hiroshima University

Les Xons "Crac-Crac"
00:40
Produced by:
Ex Nihilo-Mac Guff Ligne

Audience Participation
Produced by:
Loren Carpenter, Pixar

Invisible Site
Invisible Site is a multimedia
production in which perfor-
mers interact with projected
stereoscopic and real-time
computer animation. It is pre-
sented twice nightly, Tuesday
through Thursday, in the Ar-
temus W. Ham Concert Hall at
the University of Nevada Las
Vegas.
Produced by:
George Coates Performance
Works

**SIGGRAPH '91 Electronic
Theatre**

Chair
Sally N. Rosenthal
Digital Equipment Corporation

Director
Johnie Hugh Horn
Big Research

Administrators
Robin Hathaway
Big Research

Timothy L. Parker
Interstitial Media Design

Audience Participation
Loren Carpenter
Pixar

*Computer Graphics Screening
Room*
Lucy Petrovich
Savannah College of Art &
Design

Kathy Tanaka
Big Research

Database Processor
Ian McDowall
Fake Space Labs

European Liaison
Huguette Chesnais
Studio Base 2

Film Editor
Ladd McPartland
Independent

Jury
Susan Amkraut
Stichting Computeranimate

Loren Carpenter
Pixar

Karl Sims
Thinking Machines
Corporation

SIGGRAPH '91 Co-chairs
Michael Bailey
San Diego Supercomputer
Center

Carol Byram
Sony Microsystems Company

SIGGRAPH '91 electronic
theatre
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fax 415-321-2189

Big Thanks:
Audio Visual Headquarters
Corporation
Big Research
Breene Kerr Productions
Conceptual Litho Reproduc-
tions, Inc.
Digital Equipment Corpora-
tion, Workstations Busi-
ness Unit and UNIX
Software and Systems
Group
Editel Chicago
Editel SF
Esprit Projection Systems
George Coates Performance
Works
HD/CG New York
Intel Corporation
Kubota Pacific Computer Inc.
NHK Enterprises USA
Opcode Systems
Polaroid Corporation
Quorum Incorporated
Reflexite Corporation
Silicon Graphics Computer
Systems
Sony Corporation of America,
Business and Professional
Group
Theatric Support

Very special thanks to Jeffrey
Lane of Digital Equipment Cor-
poration for his extraordinary
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Complete information on each
work in the SIGGRAPH '91
Electronic Theatre is pre-
sented in the electronic
theatre catalog. Information
on how to contact the pro-
ducer of each work also
appears in the SIGGRAPH '91
final program and proceed-
ings.