

Welcome

We are pleased to present the second annual Spitz Fulldome Video Production Showcase at ASTC 2005. We have invited a sampling of the world's best and most interesting digital dome artists to screen their work at the Science Museum of Virginia's Ethyl IMAX® Dome Theater. Last year's event in San Jose featured the work of more than 15 producers; this year, we have expanded the program with a variety of new content and contributors.

The theater has been fitted with a temporary Esky II fulldome video display system provided by Spitz, Inc. Dual projectors are employed to achieve sufficient brightness for the 23-meter dome screen. All Fulldome Showcase productions were produced using a 1536 x 1536 pixel polar fisheye frame called a dome master. These frames are played back from a digital hard drive player and are fed to the high-resolution projection system. Our presentations also take advantage of the theater's surround-format audio system.

With nearly 150 fulldome video theaters in operation around the world, a dozen new theaters opening each year, and more than 30 digital films in distribution, fulldome video is coming of age. We invite you to explore with us as we pioneer new storytelling devices, special effects, artistic environments and more.

Enjoy.

This event was made possible by the generous support of the following companies and organizations:

American Museum of Natural History
Association of Science-Technology Centers
AudioVisual Imagineering, Inc.
Clark Planetarium
Denver Museum of Nature & Science
Evans & Sutherland Digital Theater
Houston Museum of Natural Science
JVC Corporation of America
National Space Centre
Rice University
Science Museum of Virginia
Sky-Skan, Inc.
Softmachine GmbH
Spitz, Inc.
Thomas Lucas Productions

Spitz Fulldome Video Showcase

Science Museum of Virginia
Richmond, VA
October 17, 2005

ASTC 2005



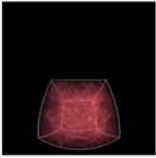
Presentations

Scientific Visualization



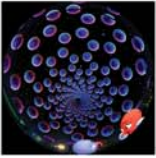
Hubble: Galaxies Across Space and Time

Space Telescope Science Institute; Producer: John Stoke; Visualization Director: Frank Summers; Original Galaxy Photomosaic: Great Observatories Origins Deep Survey team; Image Processing: Zoltan Lezay, Lisa Frattare; 2D Camera Move: John Godfrey, Bryan Preston, Greg Bacon



Cosmology Simulation

Visualization: Paul Bourke & Evan Hallein; Simulation: Chris Power; Swinburne University of Astrophysics & Supercomputing



Molecularium

Writer/Dir: V Owen Bush; Writer/Prod: Kurt Przybilla; Exec. Producer Scientific Advisors: Shekhar Garde, Linda S. Schadler, Richard W. Siegel; Visual FX Supervisor: Blake Holland; Photog. Dir: Joshua Minges; Creative Dir.: Chris Harvey; Character Designer: Leona Christie; Animators: Steve Rein, Rafael Alcala, Justin Rosen; Songs: Jason Martin, Nikolas Van Egten; Score: Toshio Kajiwara; Audio: Stephan Moore, Jesse Stiles



Black Hole: the Other Side of Infinity

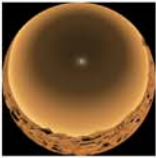
Thomas Lucas Productions, Denver Museum of Nature & Science and the National Center for Supercomputing Applications, with major funding from the National Science Foundation. Prod/Art Director: Donna Cox; Choreographer/Art Director: Robert Patterson; Visualization Programmers: Stuart Levy, Andrew Hamilton; Music: Richard Ficca



Trailers and Excerpts

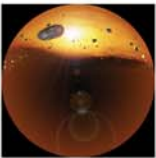
Oasis In Space

A Spitz Creative Media Production; Producer: Mike Bruno; Animation Design & Direction: Brad Thompson; Animators: Bill Carr, Inna Leonov, Wes Thompson, Theo A. Artz; Music: JAV Productions/ John Avarese



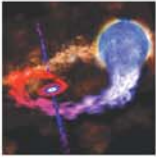
The Search for Life: Are We Alone?

Developed by the American Museum of Natural History in collaboration with the National Aeronautic & Space Administration (NASA)



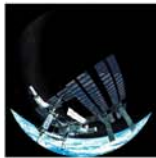
Origins of Life

A Mirage 3D Production; Producer/Director: Robin Sip; Narration: Lord Robert Winston; Distribution: Sky-Skan, Inc.



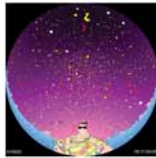
Black Holes

Produced by Clark Planetarium; Executive Producer: Mike Murray; Modelers/Animators: Spencer Christopherson, David Merrell, Jonathan Dansie; Audio: Joe Stohel



Big

Produced by the National Space Centre; Producer/Director: Annette Sotheran; Lead Animator: Andy Gregory; Additional Animation & Compositing: Max Crow, Paul Mowbray, Roger Jones; Music & Sound Production: sonicXploras; Narration: Richard Attenborough



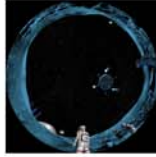
Legends of the Night Sky: Orion

Produced by AudioVisual Imagineering & Spitz Creative Media; Executive Producer: Joanne Young; Producer: Willie Castro; Director: Eddie Pittman; Technical Director: Joe Sandstrom; Screenplay by Derek Mackey & Eddie Pittman



Kaluoka'hina, The Enchanted Reef

Executive Producer: Softmachine GmbH; Producer, Director, Writer: Peter Popp; Production Manager: David Maas; Art Director, Production Designer: Daniel Plöching; Creative Assistant Director, Film Editor: Raúl Ch. Erdossy G.; Technical Director: Axel Sperling; Animation Technical Director: Marek Schneider; Post/Visual Effects Supervisor: Heribert Raab; Music: Florian Käppler & Daniel Requardt, Les Babacoos



Earth's Wild Ride

Produced in collaboration with Rice University, Houston Museum of Natural Science, Home Run Pictures, GSFC, NASA



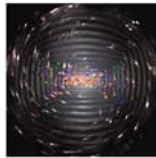
E&S Digital Theater New Content Showcase

Producer: Michael Daut; Executive Producers: Terence Murtagh, Kirk Johnson; Animators: Don Davis, Simon Edgar, Ken Carlson, Marty Sisam



DarkStar Adventure

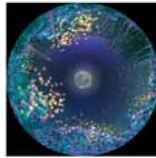
A Spitz Creative Media Production; Producer: Mike Bruno; Story: John Stoke & Spitz Creative Media; Animation Design & Direction: Brad Thompson; Animators: Bill Carr, Inna Leonov, Wes Thompson; Voices: Liz Seymour, Marcus Stevens, Chris Chandler, Allison Green; Music: JAV Productions/ John Avarese



Experimental, Music & Art

Percepts: Precepts

Produced by amalgamation house, Inc. & Drexel University.; Visual Design: Theo. A. Artz; Audi Design: JAV Productions/ John Avarese



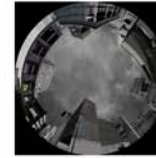
Moonlight

Produced by Andrew Quinn, in collaboration with the Luzern Planetarium/ AIL Program



Entranced

Produced by Clark Planetarium; Executive Producer: Mike Murray; Modelers/Animators: Spencer Christopherson, David Merrell, Jonathan Dansie; Audio: Joe Stohel



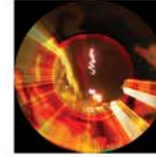
Fury in the Slaughterhouse

Produced by Kiel University of Applied Sciences, Muthesius Academy of Art & Design, mediaproducer.net



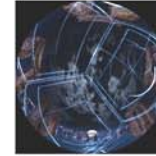
Dome Sketch

Drawings & Animation: Ryan Wyatt; Music: Jeff Oishi



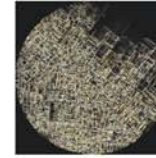
Optical Nervous System

Produced by the elumenati; Direction, Visual Production and Mix: David McConville; Music: Jason Holland; Voice Original from the Alan Watts Archives, provided by Mark Watts; Special Thanks: D'nardo Colucci, Steven Mann, Eric Knisley, Nicole Tuggle.



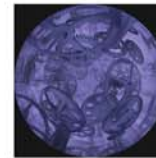
Derivation of Chaos

Produced by Hue Walker; Music: Panoitis



Generative Computational Landscapes

Producer: domepoem.com; Assembly: Joe Abraham Dean; Algorithms: Jared Tarbell; Audio: Michael Stearns



C- Speed of Light

Produced by: André Pleil, Raik Zerbster, Dieter Jaufmann, Marva Kübler; 3D-Design & Animation: Volumesnatcher Berlin/ André Pleil & Raik Zerbster; Art Direction: Phase7 Performing.Arts/ Sven Sören Beyer; Video Compositing: Volumesnatcher Berlin/ Dieter Jaufmann; Music: Christian Steinhäuser & Sasse Baumhof Synlabor.de/ Marva



Sonic Vision

Developed by the American Museum of Natural History in collaboration with Moby and in association with MTV2. Sonic Vision is made possible by generous sponsorship and technology support from Sun Microsystems