

This year's Fulldome Video Showcase, sponsored by E&S Spitz, features a sampling of the work of the world's most interesting digital dome artists. The Showcase highlights the variety and diversity of content being created for this exciting new medium – from data-driven visualizations to character-animated productions for kids; from cutting-edge space science shows to experimental art projects, music entertainment and more.

The Rauch Planetarium has been fitted with a temporary fulldome video display system provided by E&S Spitz. All Fulldome Showcase productions were produced using a polar fisheye frame called a "dome master". These frames are played back from a digital hard drive player and displayed by the fisheye projection system. Our presentations also take advantage of the theater's surround-format audio system.

Since last year's ASTC presentation, approximately 50 more theaters have adopted fulldome technology, bringing the number to more than 200 theaters worldwide – a remarkable achievement for an industry only five years young! Supported by a growing content library of 40+ digital films, nascent technical standards and professional organizations, and other community-building efforts, fulldome video's future has never been brighter!

We invite you to sit back, relax and explore with us new ways to captivate and inspire our audiences.

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***
- Clark Planetarium Productions***
- Denver Museum of Nature & Science***
- E&S Spitz***
- Houston Museum of Natural Science***
- Mirage-3D***
- Rice University***
- Softmachine GmbH***
- Starlight Productions, LLC***
- Thomas Lucas Productions***
- University of Louisville***
- Zula USA, LLC***

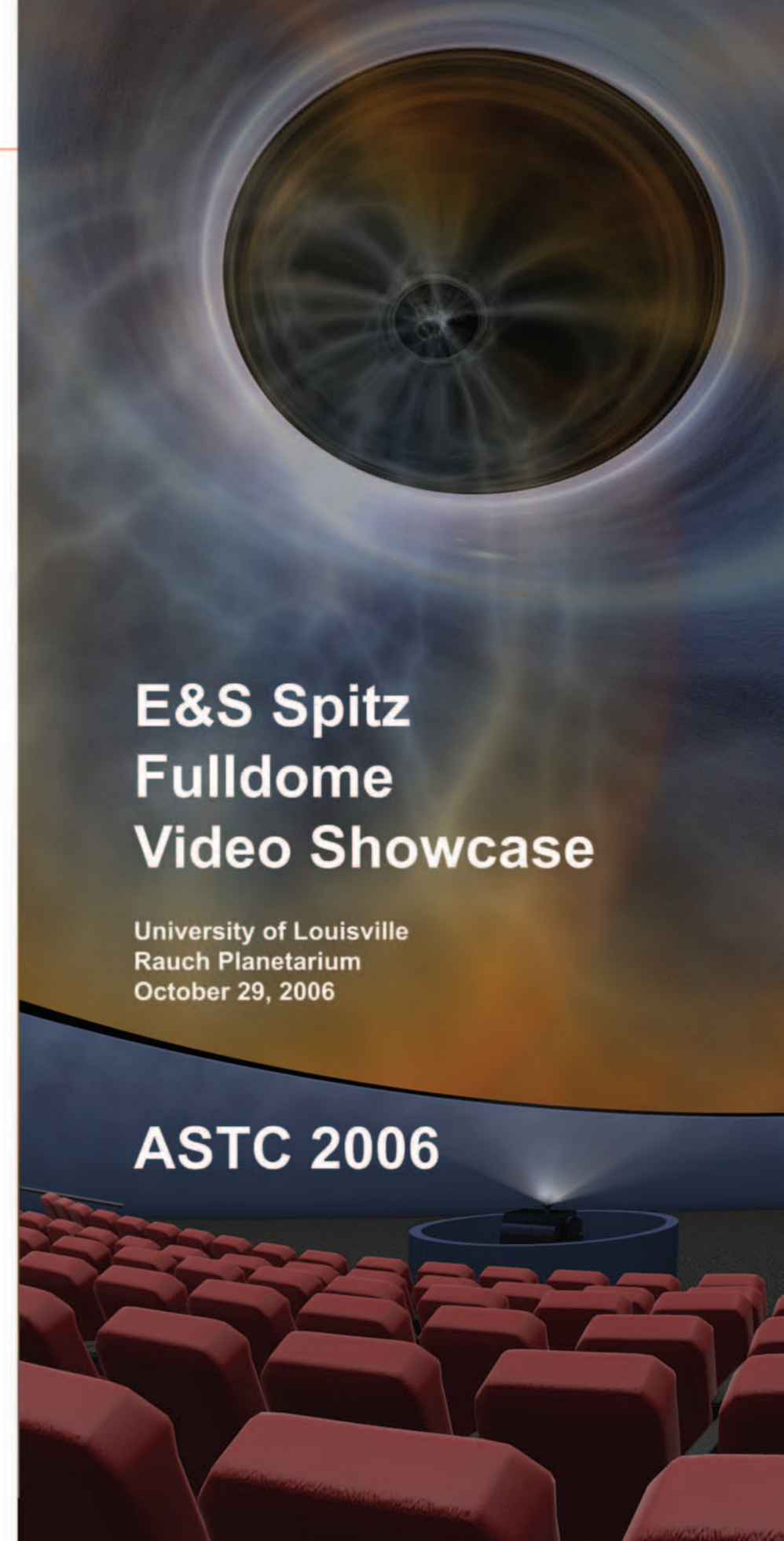


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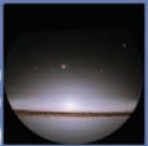
E&S Spitz Fulldome Video Showcase

University of Louisville
Rauch Planetarium
October 29, 2006

ASTC 2006



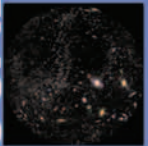
DATA VISUALIZATION



Hubble: Galaxies Across Space and Time
Space Telescope Science Institute; Frank Summers, John Stoke, Greg Bacon, Lisa Frattare, John Godfrey, Roltan Levay, Bryan Preston



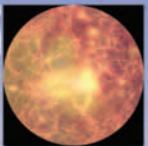
Visualization of an F3 Tornado Within a Supercell Simulation
Sci-Viz Team (NCSA) - Donna Cox, Robert Patterson, Stuart Levy, Alex Betts, Matthew Hall; Scientific Simulation - Robert Wilhelmson, Matthew Gilmore, Glen Romine (NCSA), Louis Wicker (NOAA)



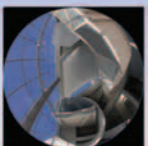
6DF Survey
University of Western Australia; Paul Bourke, Peter Morse, Glenn Rodgers



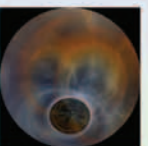
The Secret of Life
Walter and Eliza Hall Institute of Medical Research; Drew Berry



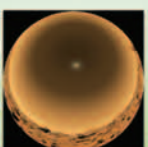
Cosmology Simulation
Swinburne University of Astrophysics & Supercomputing; Visualization: Paul Bourke & Evan Hallein; Simulation, Chris Power



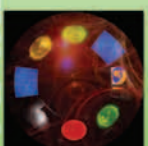
Architectural Visualization
Spitz Creative Media; Bill Carr, Inna Leonov, Brad Thompson, Wes Thompson



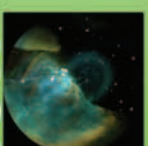
Black Holes: the Other Side of Infinity
Thomas Lucas Productions in collaboration with the Denver Museum of Nature & Science and the National Center for Supercomputing Applications, with major funding from the National Science Foundation.



The Search for Life: Are We Alone?
Developed by the American Museum of Natural History in collaboration with NASA, Denver Museum of Nature & Science and the National Center for Supercomputing Applications, with major funding from the National Science Foundation.



Secrets of the Sun
Evans & Sutherland Digital Theater; Michael Daut, Terence Murtagh, Kirk Johnson, Don Davis, Ken Carlson, Marty Sisam



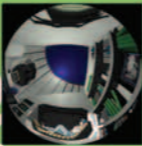
Passport to the Universe
Developed by the American Museum of Natural History in collaboration with the National Aeronautics & Space Administration (NASA)



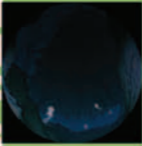
Black Holes
Clark Planetarium; Mike Murray, Spencer Christopherson, David Merrell, Jonathan Dansie, Joe Stohel

SHOW TRAILERS

SHOW TRAILERS



Le Voyageur de L'Infini
La Cité de l'Espace & le Musée de la Science (Cosmocaixa) de Barcelone



Oasis In Space
Spitz Creative Media; Mike Bruno, Bill Carr, Inna Leonov, Brad Thompson, Wes Thompson, John Avarese



TimeSpace
Adler Planetarium and Astronomy Museum; Narration: Laurie Anderson; Executive Producers: Paul H. Knappenberger, Sue Wagner; Production Team: Mark Paternostro, Matthew Mascheri, David Eicher, Eric Carlson, Jack LeTourneau, Patrick McPike, Lu Natalino, Marc Andrew-Soehl



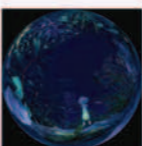
Mystery of the Christmas Star
Evans & Sutherland Digital Theater; Michael Daut, Terence Murtagh, Kirk Johnson, Don Davis, Ken Carlson, Marty Sisam



Cosmic Collisions
American Museum of Natural History, in collaboration with the Denver Museum of Nature & Science; GOTO, Inc., Shanghai Science and Technology Museum, with major support and partnership of NASA, Science Mission Directorate, Heliophysics Division.



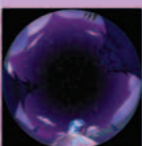
DarkStar Adventure
Spitz Creative Media; Mike Bruno, Brad Thompson, Bill Carr, Inna Leonov, Wes Thompson, John Avarese



Vacation On Altair
Montpellier Agglomération/Planétarium Galilée; Studio K Languedoc



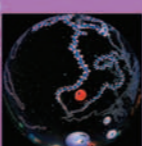
Kaluoka'hina, The Enchanted Reef
Softmachine GmbH; Peter Popp, David Maas, Daniel Plöchinger, Raúl Ch. Erdossy G., Axel Sperling, Marek Schneider, Heribert Raab, Florian Käßler, Daniel Requardt, Les Babacools



Legends of the Night Sky: Orion
AudioVisual Imagineering & Spitz Creative Media; Joanne Young, Willie Castro, Eddie Pittman, Joe Sandstrom, Derek Mackey



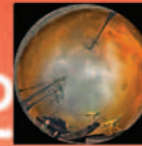
Zula Patrol
Zula USA LLC & Spitz Creative Media; Deb Manchester, Mike Bruno, Bill Carr, Inna Leonov, Brad Thompson, Wes Thompson, Steve Granat, Cydne Clark



Molecularium
Rennsalaer Polytechnic Institute; V Owen Bush, Kurt Przybilla, Shekhar Garde, Linda S. Schadler, Richard W. Siegel, Blake Holland, Joshua Minges, Chris Harvey, Leona Christie, Steve Rein, Rafael Alcala, Justin Rosen, Harshit Patel, Jason Martin, Nikolas Van Egten, Toshio Kajiwara, Stephan Moore, Jesse Stiles

KIDS' CORNER

EXPERIMENTAL MUSIC & ART



Dinosaur Prophecy & It's About Time
Rice University, Houston Museum of Natural Science, Home Run Pictures, Starlight Productions, LLC



Dawn of the Space Age
Mirage 3D; Robin Sip, Kees Vander Vyger, Mathys Brussaard



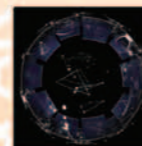
Follow Your Front Wheel
Starlight Productions; Aaron McEuen, Mike Elliot, Bruce Thatcher, Rod Millar, Digital Dave



Numerology
Ryan Wyatt, Data Visualization
Blake Misajet, Music



Rock On Demand
Clark Planetarium; Mike Murray, Spencer Christopherson, David Merrell, Jonathan Dansie, Joe Stohel



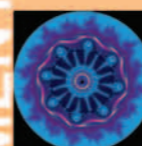
Percepts: Precepts
amalgamation house, Inc. & Drexel University; Theo. A. Artz, John Avarese



Generative Computational Landscapes
domepoem.com; Joe Abraham Dean, Jared Tarbell, Michael Stearns



Alien Attack
Tilt Design Studios



Fractals
Fractal Foundation & Lodestar Astronomy Center; Jonathan Wolfe, David Beining, Vince Ascolli



Fantasy Railroad In the Stars
Kayaga Studios; Kenji Miyazawa



Sonic Vision
Developed by the American Museum of Natural History in collaboration with Moby and in association with MTV2, with sponsorship and technology support from Sun Microsystems