

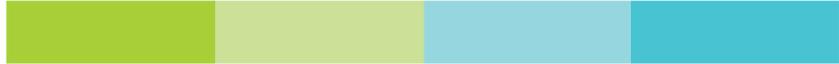
## Welcome

ASTC Fulldome Showcase 2008, sponsored by Spitz, Inc. and Evans & Sutherland, 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 Showcase is being screened on a dual Sony SXRD display system, powered by E&S Digistar 3. All productions were created using the industry-standard "dome master" format and are projected on the 18-meter dome screen at 4k x 4k resolution. Our presentation also takes advantage of the theater's surround-format audio system.

Since last year's ASTC presentation, many new theaters have joined the fulldome ranks, bringing the user base to nearly 500 venues worldwide. Supported by lots of young talent, a growing content library of more than 80 digital films, professional development workshops and other community-building efforts, fulldome video's future has never been brighter!

We invite you to sit back, relax and enjoy the show.



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

Adler Planetarium

American Museum of Natural History

AudioVisual Imagineering

Clark Planetarium Productions

Evans & Sutherland Digital Theater

Fels Planetarium at the Franklin Institute

Houston Museum of Nature & Science

National Space Centre

Rice Space Institute

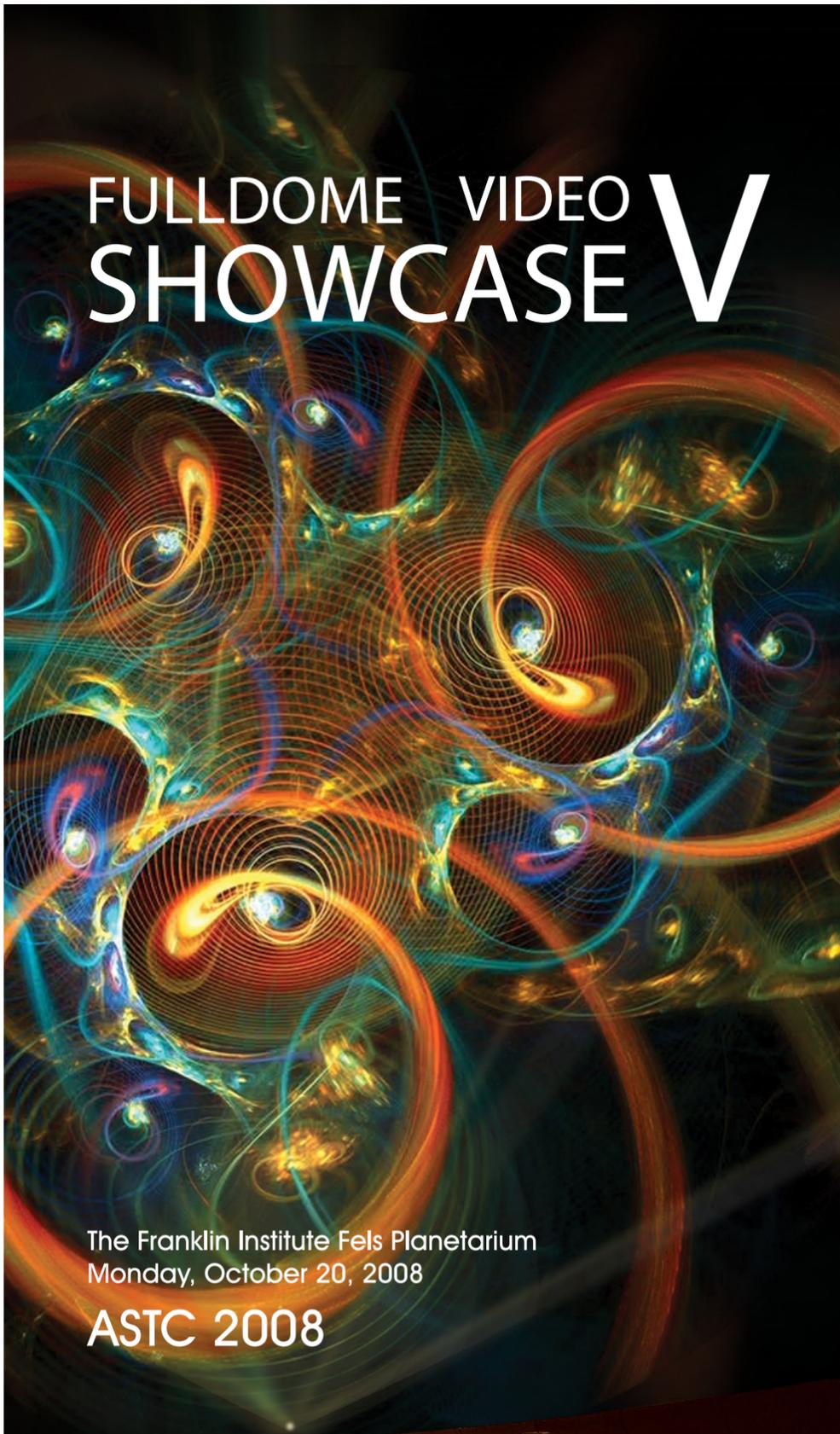
Spitz, Inc.

Sudekum Planetarium at Adventure Science Center



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# FULLDOME VIDEO SHOWCASE V

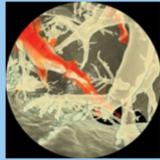


The Franklin Institute Fels Planetarium  
Monday, October 20, 2008

ASTC 2008



DATA VISUALIZATION



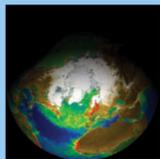
**Artforms of Nature: A New Way of Seeing**  
*Ajay Limaye, Australian National University; Peter Morse, Paul Bourke, University of Western Australia*



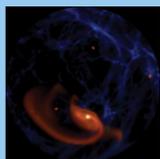
**Our Cells, Ourselves**  
*Regenerative Medicine Partnership In Education/Duquesne University*



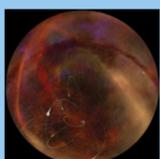
**Frozen in Time: Mawson's Huts, Antarctica**  
*Visualization and audio by Peter Morse. Special thanks to Paul Bourke (WASP, UWA), Pete Wheeler and Carley Tillet (Horizon Planetarium at Scitech) and to The Mawson's Huts Foundation, Australian Antarctic Division*



**Ebb and Flow of Ice at the Northern Pole**  
*NASA Scientific Visualization Studio, Thomas Lucas Productions, Denver Museum of Nature & Science*



**Galaxy Evolution and Merger**  
*Advanced Visualization Lab, NCSA/UIUC. Viz Team: Donna Cox, Robert Patterson, Matthew Hall, Lorne Leonard, Stuart Levy, Jeff Carpenter Scientific Simulation: Brian O'Shea, Michigan State Univ., Michael Norman, UC San Diego*



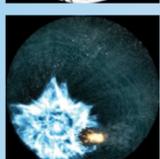
**Black Holes: the Other Side of Infinity**  
*Thomas Lucas Productions; Denver Museum of Nature & Science; Advanced Visualization Laboratory at NCSA/UIUC, with major funding from the National Science Foundation.*



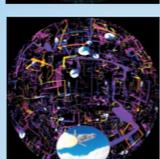
**Impact Earth**  
*Rice University and Houston Museum of Natural Science NASA Immersive Earth Project*



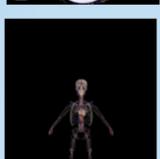
**Astronaut**  
*National Space Centre; created by NSC creative*



**Planet Annihilate: Extreme Planets Excerpt**  
*Clark Planetarium Productions: Spencer Christopherson, David Merrell, Andrea Doubek, Cody Lavery, David Meinzer, Bob Lawrence, Joe Stohel*



**IBEX: Search for the Edge of the Solar System**  
*Adler Planetarium EP/O lead Lindsay Bartolone Producer Mark Paternostro Senior 3D Artist-Animator Patrick McPike, Lu Natalino 3D Artist Jessica Regalado, Devin Ferguson*



**The Body Code**  
*Houston Museum of Natural Science and Evans & Sutherland*

SHOW TRAILERS & EXCERPTS

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**Africa: The Serengeti**  
*Graphic Films. Executive Producers: Ernest H. Cockrell, George R. Farris, S. Reed Morian Producers: George Casey, Paul Novros Director: George Casey Writers: George Casey, Mose Richards*



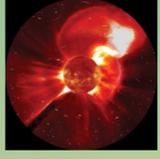
**STARS Trailer**  
*Sudekum Planetarium at Adventure Science Center*



**Launch, excerpt from STARS**  
*Sudekum Planetarium at Adventure Science Center; created by NSC creative*



**Invaders of Mars**  
*Evans & Sutherland Digital Theater Executive Producers: Kirk Johnson, Terence Murtagh Producer/Director: Michael Daut Writers: Terence Murtagh & Michael Daut*



**Cosmic Collisions**  
*American Museum of Natural History*



**Ice Worlds**  
*Evans & Sutherland Digital Theater, Houston Museum of Natural Science, University of New Hampshire Executive Producers: Kirk Johnson, Terence Murtagh Producer/Director: Michael Daut Writers: Terence Murtagh & Michael Daut*



**One World, One Sky: Big Bird's Adventure**  
*Sesame Street Workshop: Rosemarie T. Truglio, Ph.D., Christina Delfico, Ken Diego Adler Planetarium: Paul H. Knappenberger Jr., Ph.D., Susan Wagner, Mark Paternostro, Patrick McPike, Lu Natalino, Susan Harrison, Karen Carne Beijing Planetarium: Jin Zhu, Ph.D., Shizhu Cui, Yuying Song*



**Fly Me to the Moon**  
*nWave Pictures. Producers: Gina Gallo, Charlotte Huggins, Mimi Maynard, Domonic Paris, Ben Stassen, and Caroline Van Iseghem Director: Ben Stassen Writer: Domonic Paris*



**The Little Star That Could**  
*based on original production by the St. Louis Science Center, produced by AudioVisual Imagineering and Brevard Community College*



**Field Trip to the Moon**  
*American Museum of Natural History*



**Zula Patrol: Under the Weather**  
*Zula LLC USA and Spitz Inc. Executive Producer: Deborah Manchester, Ph.D. Spitz Producer: Mike Bruno Spitz Animation Team: Brad Thompson, Wes Thompson, Inna Leonov, Bill Carr*

KIDS' CORNER

EXPERIMENTAL MUSIC & ART



**Excerpts from Fulldome Primer**  
*Theo A. Artz, amalgamation house, Inc. & Drexel University, JAV Productions*



**Second City**  
*Visual Production: Dome3d LLC, Matt Mascheri Music: Colin Willshire*



**U2**  
*Clark Planetarium Productions: David Merrell, Andrea Doubek, Cody Lavery, Jon Dansie, David Meinzer, Bob Lawrence, Joe Stohel, Mike Elliot*



**Migrations**  
*Visual Artist: Hue Walker Poet: Lisa Gill Composer/Sound Recordist: Mitch Rayes*



**Featherino**  
*The Fractal Foundation/Jonathan Wolfe, Daniel Wolfe, Isaac Newton*



**The Firebird**  
*Scott Draves & the Electric Sheep, Kenji Williams*



**Some Kinda Rush: the Reflection of a Water City**  
*Joachim Perschbacher*



**Alien Action**  
*Tilt Design Studio, Show Production, Management, Creative Direction & Design: Dominic Buenning & Ralph Heinsohn Music & Audio Design: Sven Luetgen & Dietrich Foth*

Special thanks to Wes Thompson for pixel wrangling and to the staff at the Fels Planetarium and Franklin Institute for helping to make this event possible.