

3D News

From the Stereo Club of Southern California

Volume XLXIV #11

July 2008

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Greetings from Z-Space!

by Jeff Amaral, SCSC President

My Presidency comes to a close this summer, and as your chosen leader for the past two years I have been privileged to coordinate our various efforts to overthrow the 2D Tyranny. I am happy to report that the tide is indeed turning! Last month's movie night was a huge success, with an SRO crowd, (including a number of 2D Studio operatives lurking in the back) some great stereo content, and flawless digital projection. Many thanks are due to Movie division Chairman J Hart, and the omni-present EJKurland.

Working alongside your dedicated SCSC Bored of Directors, I have taken great pleasure in advancing our art, science and enjoyment of Stereography. Yet, the most important thing I will take away from my Presidency is certain to be the many new friends I have made since joining the Stereo Club. The time spent in organizing club events and competitions with you has been incredibly rewarding, and as your President, I've also been fortunate enough to meet fellow Stereographers from all over the world (not to mention getting some 3D Movie work too).

We all share a passion for Z-Content, and as one might expect, have a multi-dimensional point of view of our world. Get involved with the club and help steer our course to Victory over the Cycloptians. In spite of their on-going Ocular Oppression, we'll continue to meet and consider the silver screen together. I ask you: If Stereo Club members had not taught me to recognize the various facets of the Z-Axis, would I ever have truly learned how to see? Join the rebellion, and help reclaim our Z-Space birthright!



**The Stereo Club
wants YOU**



**The Stereo Club
wants YOU**

Almost Past President Jeff with Past President Sean Isroelit

The Stereo Club of Southern California was founded in 1955 to promote the art, enjoyment and science of stereo photography. Meetings normally include 3D slide projection and are held monthly. Visitors are always welcome. Annual dues are \$30/single or \$40/dual (send to Membership Director). The 3D News is sent monthly to all members. Annual subscription for those not wishing to participate in club activities is \$20, and foreign subscriptions are \$25 (send to Treasurer). Everyone is encouraged to submit stereo-related news items, art or photos and articles. Deadline is the 25th of the month. Send to: annaglyphic@gmail.com.

July, 2008						
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Calendar of Events

- July 9-14, 2008** 2008 NSA Annual Convention in Grand Rapids, Michigan. For more information and/or to register, go to <http://2008.nsa3d.org/>
- July 11-August 3** 2008 Orange County Fair - SCSC has a free exhibit and sales space (*see article on page 6*)
- July 17, 2008** Top Stereo Photos from Around the World To be Showcased at July SCSC Meeting. The best stereo photos from makers all around the globe will be showcased in a dynamite presentation at the July meeting of SCSC. The selections are taken from a new International Stereoscopic Union (ISU) Clubs Folio that is online. You won't want to miss this exciting program at the July meeting of SCSC.
- August 21, 2008** SCSC Awards Banquet and Slide of the Year (*see article on page 6*)

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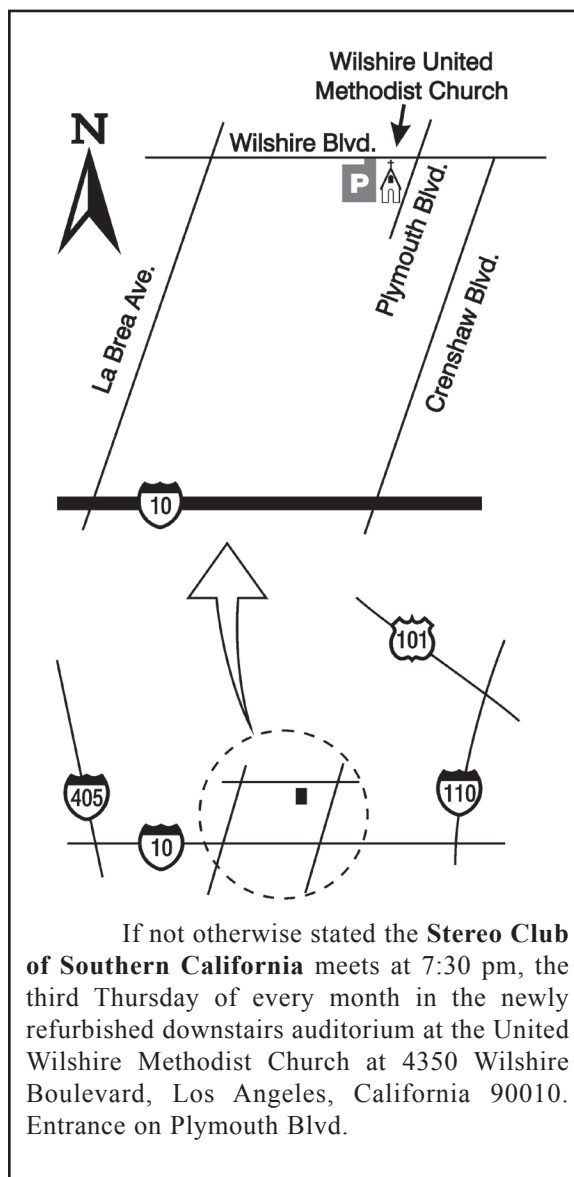
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Interested in a personal-ized Stereo Photo Maker and Photoshop Workshop given by lifetime member, Oliver Dean?

If you are an SCSC member in good standing, just call Oliver at (310) 635-2400 or send him an e-mail, including your phone number, at 3dimages@sbcglobal.net, and he will arrange for a mutually convenient time for a free (!) personalized workshop as a membership benefit.

SIGGRAPH Seeking Exceptional 3D for 2008 Conference

The Computer Animation Festival at SIGGRAPH '08 is looking for your stereoscopic content! As part of the SIGGRAPH conference this year we will be having a screening of 3D content with a specific focus on those that use digital techniques for acquisition or creation. If you have a 3D work that you think is exceptional, please let us know and please be sure your material will work on a 21-foot wide screen. While we will likely be very selective in this invitation (maybe 2 or 3 pieces will be added to our existing schedule) please don't hesitate to submit your work! Contact Katie Fellion at kfellion@gmail.com for more details.

New Member

James P Hoberman
 Los Angeles, CA

Stellar 3D Movies at SCSC June 19, 2008 – An Historic Meeting

By Ray '3D' Zone

An overflow, standing-room-only crowd turned up for the June 2008 3D Movie Meeting of SCSC. Many 3D moviemakers were in the audience, including Lenny Lipton, Phil "Capt. 3D" McNally, John Rupkalvis, Thomas Jane, Steve Gibson and Jason Goodman of 21st Century 3D Media. This occasion has turned out to be a fine example of the "state-of-the-art" for desktop 3D video production which by 2008 has reached high definition (HD) levels of resolution.

After brief greetings and announcements by President Jeff Amaral and SCSC 3D Movie Division Chairman John E. Hart, the screenings were launched with 3D projection chores handled by the stalwart Eric Kurland. The entire evening was filled with a diverse lineup of animated and live action 3D productions shot in a variety of formats. Here is the lineup:

- Family Guy – 3D Wars by Sean Isoel (3 min) - Animated cartoon parody of Star Wars with exciting space battle and traditional guns. Robot Monster Trailer (1 min)
- Promo for SCSC 3D "mockumentary" in the works about famed 50s 3D movie star.
- "Wanderlust" – Bjork 3D Video by Encyclopedia Pictura (8 min) - Highly creative interpretation of Bjork song by two young stereographers.
- Ghost Car by John E. Hart (5 min) - Based on a true event, the 1st effort of 3D Video Task Force and Hart's first directorial effort. An elaborate production with two locations, fog and rain.
- Nicodemus by Hunter Sentfner (6 min) - Shot as a test with a Nu-View unit, a unique dance music video
- Waiting for Raoul by Frank Elmore (8 min) - Visually complex homage to film noir, humorous and dramatic, a promo for a feature.
- The Making of "Slow Glass" by Tom Koester (8 min) - Koester provides insights into the complex special effects for this SCSC production.
- Italian Scooter Promo by Jason Goodman (3 min) - Moving camera images of scooter driven through historic Italian city.
- The Ennis House by Tom Koester (18 min) - An elaborate and informative documentary about the construction and restoration of an important Frank Lloyd Wright house in Los Angeles.
- Skydiving in 3D by Eric Deren (3 min) - A thrilling 3D production that was shot in mid-air of free falling skydivers. Very unique.

The 6th Ever 3D Movie/Video

Contest was announced by John Hart at the meeting. Soon, solicitations will go out to the international stereo community with the judging to be held in May 2009.

Once again, SCSC has demonstrated why it has remained on the forefront of stereoscopic production technologies in

the digital age. It's not surprising that there is quite a bit of crossover at SCSC between the amateur and professional 3D moviemaking communities. Things are only going to get more exciting as SCSC continues to create a unique place for itself in the current renaissance of 3D moviemaking.



Ron Wise (left) shows his camera to veteran stereographer Jack Laxer (right).



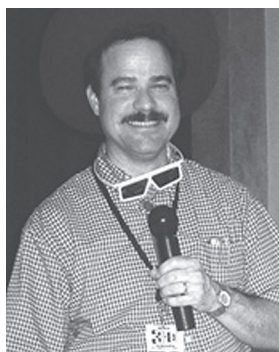
A capacity crowd was on hand in June for SCSC's annual movie night.



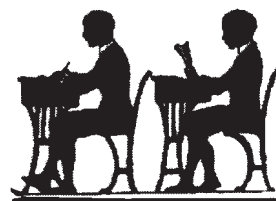
SCSC members in attendance in June included several people who are involved professionally in 3-D movies, such as Lenny Lipton of RealD (left) and Phil "Captain 3D" McNally of DreamWorks (right).



Franklin Londin (r) shows his newest 3-D viewer/sculpture, the Medusa Lite, to Barry Rothstein (l). The viewers contained 3-D stills from films on which Franklin has worked, including Speed Racer and Surf's Up.



News and Notes from the SCSC Clubhouse



by Lawrence Kaufman
President, National Stereoscopic Association

Who is He?

Animation Magazine's May 2008 quote of the month is "My movies are the three top box-office films Belgium has ever created and yet even here, no one really knows who I am." That might change on August 22nd when director Ben Stassen's "Fly Me to Moon" opens.

Stassen is currently working on "Around the World in 50 Years 3D" for a 2009 release. And of course Stassen has already brought us a half a dozen other 3-D giant screen films.

Wild Ocean 3D nominated

The Wildscreen International Wildlife and Environmental Film Festival announced the finalists in this year's prestigious Panda Awards, with the giant screen film Wild Ocean 3D nominated in two categories. Wild Ocean will be competing for the Best Music Award (Steve McNicholas and Luke Cresswell) and the Theatrical Award. The nomination panel met in May to watch all 440 film entries from 43 countries and identified 62 films that will go forward to the final jury in October, just prior to the festival. The Wildscreen Festival will be held in Bristol, UK, October 19th-24th.

MacGillivray Freeman Films 1st 3-D Film

MacGillivray Freeman Films continues to contribute to the global discussion on water issues by making available a special presentation of its critically acclaimed giant screen film Grand Canyon Adventure: River at Risk 3D at the 2008 Telluride Mountainfilm Festival in Telluride, Colorado. The film was shown in a special digital 3-D presentation on Sunday, May 25th, and was followed by an in-depth panel discussion on water issues of the American Southwest. Water was the overall

theme of the festival this year.

A daylong Water Symposium kicked off the festival with special guests Dennis Dimmick, Grand Canyon Adventure science advisor Peter Gleick, Brad Udall, Azzam Alwash, Alexandra Cousteau, and Sylvia Earle.

Grand Canyon Adventure was originally produced for exhibition in 3D and 2D IMAX theaters and was converted from 70mm to digital 3D by DKP 70MM, Inc. in Santa Monica. The film was first released to IMAX theaters on March 14 and is now showing in more than 30 3-D and 2-D IMAX theaters. The film has grossed \$3 million in its first 9 weeks of release, making it the top-grossing original 70mm documentary so far this year.

The high-altitude screening is also making cinematic and technological history by becoming the world's highest-ever showing of a digital 3-D film presentation. The elevation in Telluride is 8,750 feet above sea level. The previous high-altitude record for a digital 3-D showing is Park City, Utah, with an altitude of 6,900 feet above sea level.

Set on the iconic Colorado River, Grand Canyon Adventure: River at Risk 3D takes viewers on an unforgettable river journey that calls attention to the world's growing shortage of fresh water. Leading the expedition are noted river advocate Robert F. Kennedy Jr. and celebrated anthropologist Wade Davis with Native American river guide Shana Watahomigie. As new scientific studies forecast water shortages in the Western U.S. and around the world, Grand Canyon Adventure explores the issues, presents real solutions and delivers an uplifting message of hope, showing how ordinary people can make a difference for the parched planet. Grand Canyon Adventure is narrated by Robert Redford and features songs and music by Dave Matthews Band.

MacGillivray Freeman Films and its Chinese distributor, ST Giant Films, donated Y20,000 yuan (\$3,000 USD) to Chinese earthquake relief efforts following the 7.9 earthquake in central China. The donation was announced

on May 17 during the opening luncheon of the Shanghai Science and Technology Center's giant screen Science Week Film Festival. As luncheon co-hosts, MacGillivray Freeman Films and ST Giant Films donated funds originally intended to pay for luncheon beverages. On May 30, ST Giant Films made a Y10,000 yuan matching contribution to the Red Cross Collection Center through Beijing Association of Science & Technology. The funds will be used to supply continuing needs for communication equipment required by relief workers as they extend their efforts into more rural areas of the earthquake-stricken region.

Hannah Montana Strikes Again

Disney will release "Hannah Montana & Miley Cyrus: Best of Both Worlds 3-D Concert" on DVD & Blu-ray August 19th. This will be the first 3-D movie to ever be released on Blu-ray. Unfortunately it will be in anaglyph, red-right of course. There have also been glasses produced for an Disney channel 3-D broadcast.

The DVD extras will include: "The Ultimate Personal Tour - Hang Out with Miley Cyrus and the Jonas Brothers during the tour," a "Sing Along Mode" feature and "Additional songs not seen in theaters." Viewers will be able to watch in either 2-D or 3-D modes. It was not clear whether the documentary and other extras on the disk will also be viewable in 3-D.

NSA Convention This Month

You still have time to book your trip to Grand Rapids Michigan for the 34th National Stereoscopic Association (NSA) Convention and Trade Fair, July 9, 2008 – July 14, 2008; Grand Rapids, Michigan. Website: <http://2008.nsa3d.org/> There will be at least a dozen SCSC members there, I hope to see you there!

Even More Grand 3-D - Nat/Geo DCI Converting

Not to be outdone, National Geographic/Destination Cinema, to celebrate the 25th anniversary of the first Giant Screen Grand Canyon film is converting "Grand Canyon" to 3-D. The 1985 giant-screen classic "Grand Canyon: The Hidden Secrets" will be converted to 3-D for re-release in the first half of 2009 to Giant Screen and digital screens.

The Passing Parade Stan Winston – R.I.P.

He made his living with robots, dinosaurs, and aliens. Groundbreaking, Oscar winning special effects creator Stan Winston passed away Sunday, June 15, 2008, after a seven year fight against multiple myeloma. He was 62 years old.

Winston co-directed "T2 3D: Battle Across Time (1996)" the incredible 3-D attraction at Universal Studios parks. Terminator 2: Judgment Day, Jurassic Park, Aliens, and Iron Man were among his many other films that carried his imprint. His Academy Awards were for his visual effects work on Aliens (1986), T2 (1992), and Jurassic Park (1993). He also won in the makeup category for Batman Returns (1992).

"The entertainment industry has lost a genius, and I lost one of my best friends with the death...of Stan Winston," California's Governor Arnold Schwarzenegger, who worked with Winston on the Terminator films, said in a statement. Winston is survived by his wife, Karen, son Matt, daughter Debbie, and his grandchildren.

Mission to Mars

Mechdyne Corporation announced that it has installed an immersive CAVE™ display system as the focal point of the new Fossett Laboratory for Virtual Planetary Exploration at Washington University St. Louis (WUSTL).

As a teaching and research facility of the Department of Earth & Planetary Sciences, the Laboratory will provide 3D imaging capability for visualization of data collected by national and international space exploration programs.

One highlight of the Fossett Laboratory's work in 2008 will be immersive visualizations of imagery gathered as part of the ongoing Mars Exploration Program.

The new CAVE system supports stereoscopic projection on three walls and the floor (each 7.5' h x 10' w) to create a surround screen environment. Mechdyne integrated its Beacon™ projection technology along with a wireless motion tracking system and virtual wand that allows scientists to easily 'fly' through visualizations. Mechdyne also provided its CAVELib software and Conduit for ArcGIS, which is used to 3D-enable data to create a fully immersive, Virtual Reality experience in the CAVE.

Four Space 110 CAVE Visualisation System

Eight F20 sx DLP® projectors from projectiondesign with built-in Infitec(tm) filters are used in an immersive and interactive 3D stereoscopic computer aided virtual environment (CAVE) visualisation system named Four Space 110. Operational since February 2008, the system was designed by Frankfurt-based systems integrator 3Dims GmbH and is situated at the Human Machine Communication Centre at the Munich University of Technology in Germany.

The Four Space 110 CAVE allows the researcher to be completely immersed in the application with surrounding walls, floor and a ceiling and has a wide viewing angle of 110 degrees. "The CAVE is best way to explore three-dimensional data and being both immersive and interactive it helps students and researchers studying human-machine interaction and communication. It has very practical applications in joint projects with a host of industry disciplines, including car manufacturing and design, human interaction with machines, 3-D electronic modelling, oil and gas exploration, medicine and architecture" says Friedhelm Birk, Managing Director of 3Dims GmbH.

In the CAVE, the eight F20 sx projectors are fitted with Infitec(tm) stereoscopic channel filters for the reproduction of twelve million pixel 3-D images and are integrated with a Fujitsu Siemens Celcius Workstation, powerful nVidia graphic cards and IC:IDO immersive software.

The intuitive control is managed by six optical ART tracking cameras, which track and map core head and hand positions using x, y and z coordinates. These coordinates are then fed back into the graphics cluster and the scene is calculated for exactly where the subject is looking for analysis. The environment is also immersive and unlike a flat or curved 3-D screen where you have a single display and a

limited field of view, in the 110 degree CAVE it's possible for the subject to turn around and see right, left, up, down and behind. The CAVE itself is two-and-a-half metres high, five metres wide and three metres deep. Behind the CAVE are mirrors and the racks which house tracking systems and other hardware.

I.E. Effects Pumps Up 3-D Muscles For Little Hercules

Finally some news about the 2005 feature that has some 3-D scenes. Full service visual effects studio I.E. Effects (I.E.) announced it will provide visual effects and stereoscopic 3-D compositing for the upcoming feature film, 'Little Hercules 3D.' Judd Nelson, John Heard, Elliot Gould and Hulk Hogan join 10-year-old body builder Richard Sandrak to star in the family film about a young boy of immeasurable strength who travels from Mt. Olympus to live in Los Angeles.

DTS Digital Images Fine Tunes 'Journey to the Center of the Earth 3D'

DTS Digital Images, Inc. has provided custom image processing services for New Line Cinema and Walden Media's Journey to the Center of the Earth 3D, the first full-length, live action feature shot in digital 3-D (slated for release in Summer 2008 and recently previewed at the Showest conference in Las Vegas).

Journey to the Center of the Earth 3D is the world's first digitally-captured stereoscopic live action feature film. They found they needed more sophisticated noise reduction than their tools could provide. DTS brought all of their problem scenes up to the quality of the rest of the movie, seamlessly and within the confines of the budget.

DTS Digital Images was retained to apply its unique imaging algorithms to a number of the most problematic sections of this movie to remove these imbalances and provide a superior digital 3-D experience. In addition, the filmmakers behind Journey to the Center of the Earth had numerous shots that were substantially enlarged during post-production. This means that these blow-ups did not match the adjacent shots because the blow-up process made them look much noisier and much less sharp. DTS Digital Images applied their unique custom noise reduction and detail enhancement technologies to create a seamless look from one shot to the next.

Revision for the SCSC August Banquet Programs

Wow!!! The Annual SCSC Awards Banquet is coming up soon and the carefully selected programs are as outstanding as you've come to expect! Besides the SCSC Slide of the Year Exhibition, with end-of-the-year ribbons, medals and awards, we will be honored to see at least two original shows by the late Pat Whitehouse, now converted to digital format.

Pat Whitehouse was one of the first stereographers to combine spectacular stereoscopic photography with superb stereo "showmanship". Her shows consisted of wonderful audiovisual programs with fade-and-dissolve, and synchronized soundtracks, which were shown to large audiences all over the world.

Close-up nature 3-D photography was only one of Pat's specialties. The magic of seeing a Pat Whitehouse show was dependent on her technical skill in manually operating a custom fade-and-dissolve 3-D projector in synch with her soundtracks. Conversion of her shows to digital format, by Barry Aldous of the British Stereoscopic Society, allow these shows to be presented to new audiences, as if they were being projected by Pat herself.

Pat had a diverse range of interests and talents. She graduated in physiology from Cambridge, received a Ph.D in endocrinology, and also completed a full medical course at St. Thomas Hospital, as one of its FIRST two female graduates.

The success of her book "Photographing in 3-D" co-written with David Burder, was originally published in 1986. It went into it's 3rd printing in 1992. She loved to share information and 3-D images for over 30 years. Now she's back in digital spirit, and we're pleased to have this opportunity.

In the photographic world her fame was immense, and so was the affection and admiration given to her. The photographic

Society of America coaxed her across the Atlantic three times. She was invited to give presentations to the International Stereoscopic Union in England, Holland, France and Switzerland. The last time, at Interlaken in 1987, ended in a standing ovation of over ten minutes. Pat died at age 66 on Feb. 11, 1988, but her legacy lives in glorious three dimensions.

Tickets are limited, so make your reservations NOW!! Purchase your tickets online at the club website www.la3dclub.com or purchase them through Susan Pinsky at the July 17, 2008 meeting (last chance to pay \$30 each, July 18 the price increases to \$35, if any are still available.) Checks can be mailed to Susan Pinsky, PO Box 2368, Culver City, CA 90231 for tickets. Please specify whether you prefer Boneless Chicken Diable, Beef Bourguignon, or Pasta Monegasque (veggie) when ordering. Don't wait, the last banquet sold out very quickly.

Susan Pinsky, SCSC Banquet Director

Say Cheese! Come Join Us at the Orange County Fair

As the motto of the 2008 Orange County Fair is "Say Cheese!", its organizers have pulled out all the stops offer on a great showing of a variety of photographic arts. This will include a giant camera obscura, regular 2D exhibits and an animation competition. The organizers have offered SCSC free exhibit and sales space in their photography pavillion, which we've gladly accepted. It should be fun and great outreach for SCSC. The fair runs from July 11 through August 3 every day except Mondays. Stop by and check out our exhibit while you enjoy the fair. If you have time to volunteer to help at our exhibit, please contact Barry or Jesse Rothstein at 562-493-4420. Free parking and admission is

available to volunteers. More info regarding the Orange County Fair is available at <http://www.ocfair.com/2008/index.asp>.

Month of May Competition Winners Dazzle Audience

As in the preceding months' competitions, the trend continued toward increasing numbers of digital entries and decreasing numbers of film entries for our May competition, the last one of the year. Regardless of media, however, the entries were pleasing and innovative, making the judging difficult for the three competent judges, David Kuntz, Cassie Kaufman, and Tom Koester (who recovered from a heart bypass operation just to be at our meeting!). The resulting winners emerged as follows:

Legacy Category - A Group

- HM -- "Heather's Dreads," an unusual model shot by Lawrence Kaufman.
- HM -- "Vancouver Frog," a strange subject also by Lawrence Kaufman
- AWARD -- "Through the Window," a nicely framed mood shot for a clean sweep by Lawrence Kaufman! Congratulations, Lawrence!

Contemporary Category - B Group

- HM -- "Spiderman," an excellent use of Photoshop layered compositing by Dr. John Hart.
- HM -- "Giant Woman," a huge sculpture at the Make Fair, by Eric Kurland.
- HM -- "Steel Plated Mountain," a view of Disney Hall, also by Eric Kurland
- AWARD -- "Skate," a well-timed skateboard action shot by Marvin Drandell

Contemporary Category - A Group

- HM -- "Please Just Listen!," a bizarre model with skull, shot by Barry Rothstein
- HM -- "Epiphyllum with Feeding Hummer," a flower with the SUV, not the bird, in a Photoshop layered composite by Oliver Dean
- AWARD -- "Weird World," an altered reality scenic, by Oliver Dean

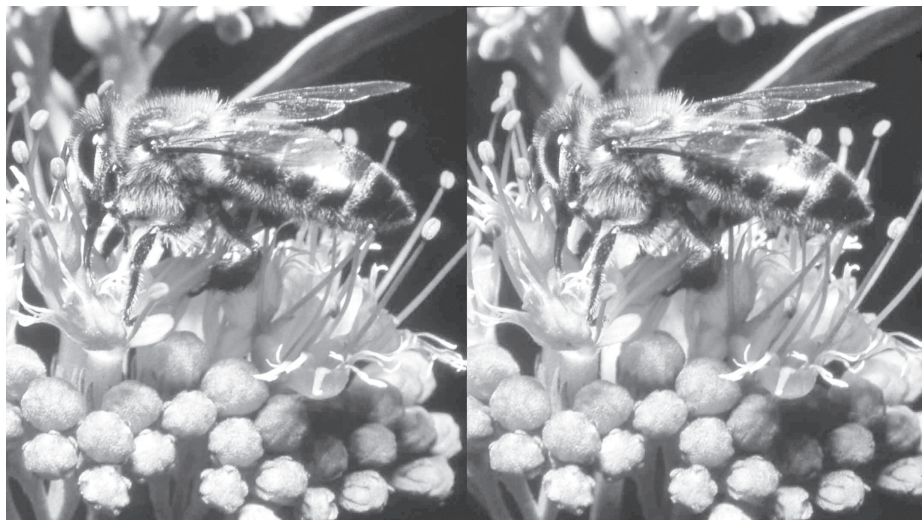
Modified Category - A Group

- AWARD -- "Dino Chase," a conversion of an exciting dinosaur scene by Jim Long

CGI/Art Category - A Group

- AWARD -- "Tempus Fugit," an elaborate, spectacular, and tasteful creation by our highly skilled new member, Claudia Kunin

Hopefully, some of these images will be seen again during the Slide (Image) of the Year Competition showing at the SCSC Banquet in August! The results of the Slide (Image) of the Year Competition, as well as the Final Standings for the Club Competitions for the year, will be announced and awarded at the August SCSC Banquet and published in the September "3D News."



Ancient Egypt in 3D Mummies: Secrets of the Pharaohs is Converted to Stereo

By Ray Zone

Stereo conversion of flat motion pictures to 3D is becoming an increasingly viable proposition. The 2007 giant screen motion picture *Mummies: Secrets of the Pharaohs*, for example, directed by Keith Melton, was originated on 15/70mm film as a large format (LF) movie for the institutional and museum market for IMAX films. Melton is one of the most prolific of all 3D directors and counts *Tall Tales* (2004), *Cirque du Soleil: Journey of Man* (2000), *Ultimate G's* (2000), *Pirates 4D* (1999) and *The Sensorium* (1986) among his stereoscopic productions. After stereo conversion by Tim Sassoon and Sassoon Film Design (SFD), *Mummies* was released early in 2008 in IMAX 3D and digital 3D cinemas.

Narrated by Christopher Lee, *Mummies* is a science film dealing with the ancient royal mummies, how they were hidden and embalmed, and tells a tale of archaeological adventure with tomb-raiders and hidden treasures. Written and produced by Arabella Cecil and photographed by veteran LF cinematographer Reed Smoot, *Mummies* features location footage shot in the Valley of the Kings in Egypt as well as contemporary footage depicting genetic analysis of mummies. As a 2D and 3D hybrid production by Giant Screen Films and Gravity Pictures, *Mummies* also artfully combines the science film with an historic adventure tale.

Prior to shooting, both Melton and Smoot were aware that they were making a film that would have to work on several release platforms, including 3D.

"We discussed the fact that we might

be able to raise money in postproduction to do a 2D to 3D conversion," says Melton. "So the challenge for both Reed and myself was to do framing for a large format film while also thinking about a dome presentation, because we had investment from the dome alliance. And we had to think about staging for 3D as well. It was always in the back of my mind. I think it definitely shows in this film."

Several kinds of 3D techniques are evident in the film. "We used more camera movement and actor staging," observes Melton. "We've got planes crossing against planes and action occurring either in depth or away from the camera. We also have slow lateral movements and diagonal movements or down movements based on the architecture. We tried to stage action that kept 3D in mind."

A bit of fortuitous luck occurred during location filming of *Mummies* when a large movie set of ancient Egypt became available for use. The movie set proved to be a significant factor in amplifying the 3D nature of the film. "When we were scouting the locations," says Melton, "we found a studio lot in Morocco that has this amazing set for some Cleopatra movie they did in Europe. We expanded on the historical sequences to take advantage of the production. That was hundreds of thousands of dollars of production value just sitting there that just needed some spackle, paint and some art direction."

At that point, Arabella Cecil, the writer, and Melton reworked the script to include more historical information in the story. "When we got to 3D," notes Melton, "we had these huge, long hallways, giant columns, row upon row, and we then staged the action accordingly."

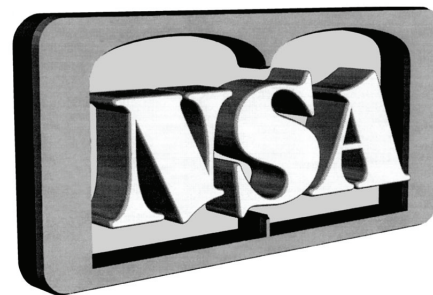
Melton worked with Tim Sassoon and SFD in planning and executing the ste-

reo conversion of *Mummies*. "We created a basic map as to shot-by-shot and scene-by-scene how the 3D would play out," observes Melton. "And then, with Rick Gordon supervising, SFD just rolled up their sleeves and had at it. Every three or four weeks I would come in and we would look at the work in progress and talk about it. Mainly, I was there in supervisory mode."

Melton and the stereo conversion team regularly looked at the work projected in 3D. "Tim has a setup in his facility with 1K digital polarized stereo projection on a smaller screen. So, we watched everything in 3D at a slightly lower resolution. Now, I'm pretty familiar with 3D and smaller screen depth versus the way it expands on a bigger screen. But it's always tricky. When we got to a certain point we would output at higher resolution and look at the work on a larger screen. But generally, most of the work was done with Tim's screen."

In the future, Melton sees stereo conversion as one part of the 3D filmmaking repertoire. "It's an amazing tool and it's only getting better and better. I was really surprised at what SFD did and how well rounded everything looked. It doesn't have that cookie cutter look with flat planes that appear to be cardboard cutouts. Fortunately, Tim has been in the 3D trenches for quite a while and is, I think, one of the best guys out there for stereo conversion."

SCSC is a member of:



Director Keith Melton explains finer points of 3D movies. Stereo by Lawrence Kaufman



SCSC August 21, 2008 Awards Banquet



Pat Whitehouse repairing her Double Hawk projector at 1983 ISU Buxton, UK by Susan Pinsky



Pat Whitehouse at 1985 ISU Washington, DC by Lou Smaus

Pat Whitehouse Digital Extravaganza

PAT WHITEHOUSE was one of the first stereographers to combine spectacular stereoscopic photography with superb stereo "showmanship". Her shows consisted of wonderful audiovisual programs with fade-and-dissolve, and synchronized soundtracks, which were shown to large audiences all over the world.

Close-up nature 3-D photography was one of Pat's specialties. The magic of seeing a Pat Whitehouse show was dependent on her technical skill in manually operating a custom fade-and-dissolve 3-D projector in synch with her soundtracks. Conversion of her shows to digital format allows these shows to be presented to new audiences, as if they were being projected by Pat herself.

Pat graduated in physiology from Cambridge, received a PhD in endocrinology, and also completed a full medical course at St. Thomas's Hospital as one of its first two female graduates.

AWARDS BANQUET PRESENTATIONS:

- SCSC Slide-of-the-Year Exhibition with awards, medals & ribbons
 - Pat Whitehouse's "Garden Natural History"
 - a discovery of spectacular wonders in her own backyard.
 - Pat Whitehouse's "Yosemite"
 - a hike along with Pat, presenting our natural parks from a British point of view.
- AND MAYBE MORE (if time allows)!**

When: Thurs. Aug. 21, 2008 6:30 pm

Why: SCSC Annual Slide-of-the-Year Awards Banquet & Members Show

Where: Taix's French Restaurant

Price: \$30 per person* Price increases to \$35 on July 18, 2008

*** Price includes full delicious dinner with soup, salad, entree (beef, chicken or pasta), dessert, coffee/tea plus BONUS 3-D DOOR PRIZES & at least 3 (yes, three!!!) outstanding 3-D Shows!!!**



See Susan Pinsky to buy your tickets NOW!!