



DGA Special Projects Committee Presents

# DIGITAL DAY 2008

# SIZE MATTERS:

CREATING CONTENT for BIG and SMALL SCREENS

**SATURDAY,  
AUGUST 2, 2008**

All Day at the Directors Guild

# PROGRAM

**DIGITAL DAY 6**  
**Saturday, August 2, 2008**  
(Program Subject to Change)

TIME	THEATRE 1
9:30 AM to 10:15AM	<b>A GUIDED TOUR OF NEW INTERNET ENTERTAINMENT PLATFORMS:</b> What's Out There and What's Worth Watching?
10:20 AM to 11:05 AM	<b>SHORT STORIES:</b> The Challenges and Opportunities of Creating Content for the Small Screen
11:10 AM to 11:55 AM	<b>WORKING IN VIRTUAL WORLDS: MORE THAN FUN AND GAMES?</b> Using Online Virtual Worlds as a Tool for Pre-Production
12:00 PM to 12:45 PM	<b>PREPARING PITCH PACKAGES AND PILOTS FOR THE SMALL SCREEN</b>
12:50 PM To 1:35 PM	<b>3D AND THE TV VIEWING EXPERIENCE:</b> Moving 3D into the Media Mainstream
1:35 PM to 2:30 PM	<b>LUNCH</b>
2:30 PM to 3:15 PM	<b>THE CHALLENGES OF DIRECTING 3D</b> The Making of <i>Journey to the Center of the Earth</i> with Director Eric Brevig and Lenny Lipton, CTO, Real D
3:20 PM to 4:05 PM	<b>3D UPDATE:</b> The 3D Pipeline and Workflow
4:10 PM to 4:55 PM	<b>PERFORMANCE CAPTURE AND MOTION CAPTURE:</b> Demystifying the Technology and Techniques
5:00 PM to 5:45 PM	<b>PERFORMANCE CAPTURE:</b> Is It Live-Action or Animation?

THEATRE 2
<b>TESTS AND DEMOS OF THE LATEST DIGITAL CAMERA EQUIPMENT</b>
<b>SCREENINGS AT:</b>
10:30 AM
11:20 AM
12:10 PM
1:00 PM
2:40 PM
3:30 PM

THEATRE 3
<b>THE 3D VIEWING EXPERIENCE FOR YOUR HOME [ALL DAY]</b>
Hyundai 46" 3D TV
Philips 42" Auto Stereo Graphic Display
Samsung HLT 50" DLP Projector

Exhibits & Hands-on Demonstrations in the DGA Grand Lobby from 9:00 AM to 4:00 PM.  
**DIGITAL VIDEO SHOW AND TELL:** With cameras from ARRI · Band Pro · Clairmont Camera · DALSA ·  
Panasonic · Panavision · RED · Silicon Imaging · S.Two · Thomson Grass Valley  
**OTHER EXHIBITORS:** Antics 3D · Apple · Avid · Cinnafilm · Deluxe · DDD · Digital Ordnance · Eyetronics ·  
IRIDAS · J.L. Fisher · OOOii · PlasterCITY · StereoScope Studios · TDVision Systems · Technicolor Creative Bridge

**Attention DGA Theatre Guests:**

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Participation or mention of any company or product on the program does not constitute endorsement or recommendation by the DGA.

**9:30 a.m. - 10:15 a.m. DGA Theatre 1  
A GUIDED TOUR OF NEW INTERNET  
ENTERTAINMENT PLATFORMS:  
What's Out There and  
What's Worth Watching**

**Presenters:**

**SUSAN ZWERMAN**, Chair, DGA AD/UPM VFX/Digital Technology Committee (VFX Producer: *The Guardian, Around the World in 80 Days, Fat Albert*).

**BRIAN FRANKISH**, Co-Chair, DGA AD/UPM VFX/Digital Technology Committee (Producer: *Field of Dreams, Crown Heights, Flight of the Intruder, American Me, The Boy Who Could Fly*).

SUSAN ZWERMAN is the Chairperson of the DGA AD/UPM VFX/Digital Technology Committee, as well as a member of the Board of the Directors of the PGA's New Media Council, and the Visual Effects Society (VES) where she serves as Chair of the VES Technology Committee. With credits on more than 50 feature films, she has produced visual effects for *Tall Tale, Broken Arrow, Alien Resurrection, Mafia!, Men of Honor, The One, Around The World In 80 Days, Fat Albert, and The Guardian*. Her other production credits include *All That Jazz, Wise Guys, Scarface, Nightshift, Nighthawks, and The Flamingo Kid*. Susan is a Grammy Award-winning producer for the *I'm Fat* music video starring Weird Al Yankovic. She has led technology seminars at many universities, as well as the DGA, PGA and VES.

BRIAN E. FRANKISH has been producing feature films for over twenty years, developing screenplays, managing budgets and scouting locations. He has produced such films as *Field of Dreams, Crown Heights, Flight of the Intruder, American Me* and *The Boy Who Could Fly*. Teaming with Producer Rob Cowan and Director Irwin Winkler, Brian executive produced *Home of the Brave* and *Life as a House*. As a production manager, Brian has overseen such features as the 1976 version of *King Kong, The Net, and In the Mood*. As first assistant director, Brian has been responsible for the fifteen cameras that shot the infamous train crash for *The Fugitive*, as well as *Strange Brew, Demolition Man* and *Brainstorm*. Brian is a member of the Producers Guild and Directors Guild of America where he co-chairs the AD/UPM VFX/Digital Technology Committee.

**10:30 a.m. - 4:00 p.m. DGA Theatre 2  
Screenings of Tests and Demos of  
the Latest Digital Camera Equipment**

**9:30 a.m. - 4:00 p.m. DGA Theatre 3  
The 3D Viewing Experience  
for Your Home**

**10:20 a.m. - 11:05 p.m. DGA Theatre 1  
SHORT STORIES:  
The Challenges and Opportunities of  
Creating Content for the Small Screen**

**Panelists:**

**MICHAEL BLIEDEN**, Actor/Director/Producer (Internet Series: *[(Layers)]*; Television: *Mad TV*; Film: *Super High Me*).

**MARSHALL HERSKOVITZ**, Co-Producer/Director (Internet Series: *quarterlife*; Television: *Once and Again, thirtysomething*).

**STAN ROGOW**, Producer/Director (Internet Series: *Gemini Division*; Television: *Lizzie McGuire; Flight 29 Down*).

**JOHN SACRET YOUNG**, Producer/Writer/Director (Internet Series: *quarterlife*; Television: *The West Wing; China Beach*).

**Moderator: PENELOPE SPHEERIS**, Producer/Director (Music Videos for Fleetwood Mac, Queen; Television: *UFO Abductions; Features and Docs: Wayne's World, The Decline of Western Civilization I, II, & III*).

MICHAEL BLIEDEN is an actor, screenwriter and director. He directed his first film in 2005, the documentary, *The Comedians of Comedy*, produced by Netflix. Michael has since directed TV shows for Comedy Central, episodes of *Mad TV*, plus live specials for comedians Joe Rogan and Zach Galifianakis, as well as music videos for Fiona Apple and Kanye West. Michael's marijuana documentary, *Super High Me*, was released in 2008. For the Internet, Michael has directed a web-only series for Microsoft's "I'M Initiative" philanthropic campaign, another series for Turner Broadcasting's [www.superdeluxe.com](http://www.superdeluxe.com), entitled *[(Layers)]* about a Hollywood agent who represents other agents, and *Back on Topps* for Michael Eisner's production company Tornante.

MARSHALL HERSKOVITZ is an award-winning writer, producer, and director in film, television and new media. With his longtime creative partner, Edward Zwick, he created such landmark television series as *thirtysomething, My So-Called Life, and Once and Again*. He directed the feature films *Jack the Bear* and *Dangerous Beauty* and produced *Legends of the Fall, Traffic, I Am Sam, The Last Samurai, and Blood Diamond*. In 2007, Marshall co-created the ground-breaking online series and social network, *quarterlife*. He currently serves as President of the Producers Guild of America.

STAN ROGOW is a three-time Emmy-nominated producer and the director of the sci fi web series *Gemini Division*. Following his success as executive producer for the series *Lizzie McGuire*, Stan produced *Darcy's Wild Life* and was co-creator of *Flight 29 Down* for ABC Family. He also co-created and executive produced the critically acclaimed *Shannon's Deal* and *Middle Ages*. Stan is known for Electric Farm Entertainment's Webby-nominated *Afterworld*. In the area of made for television movies, he has executive produced *Nowhere to Hide, Murder in High Places, Help Wanted: Kids, Rock 'N Roll Mom*, and the multiple Emmy Award-winning *Playing for Time*.

JOHN SACRET YOUNG co-created, wrote and executive produced the groundbreaking series, *China Beach*, for which he received five Emmy nominations, a WGA Award and four WGA nominations. He began writing for television on the Emmy-winning series, *Police Story*, and has since created, written, or executive produced five additional series and multiple mini-series and movies for television. His work on *The West Wing* garnered him two Emmy nominations and his mini-series, *Thanks of a Grateful Nation*, received a Humanitas Prize. He won a second WGA Award for the mini-series, *A Rumor of War* and Christopher Awards for *Testament* and *Romero*. John has directed episodes of series such as *quarterlife, China Beach, and Sisters*, and four movies for television. Currently, John is partnered as Executive Producer with Robert Redford and has written *Generations*, a pilot for TNT which he will also direct.

PENELOPE SPHEERIS (Moderator) produced, directed, and edited music videos for major bands in the '70's and '80's, culminating with her Grammy-nominated "Bohemian Rhapsody" video for *Wayne's World*. Penelope's feature debut was the critically acclaimed documentary on the L.A. punk scene, *The Decline of Western Civilization*. Her first narrative film, *Suburbia* won first prize at the Chicago Film Festival. Other major credits include *The Boys Next Door; Dudes; The Decline of Western Civilization, Part II: The Metal Years; Wayne's World; The Beverly Hillbillies; and The Decline of Western Civilization, Part III*. Penelope is currently developing the heavy metal romantic comedy, *Love Above the Strip and Rotten*, adapted from John Lydon's best-seller, *No Irish, No Blacks, No Dogs*.

**11:10 a.m. - 11:55 p.m. DGA Theatre 1  
WORKING IN VIRTUAL WORLDS:  
MORE THAN FUN AND GAMES?  
Using Online Virtual Worlds  
as a Tool for Pre-Production**

**Panelists:**

**KEN BRADY**, CEO *Genkii*.

**JESSE GUMA**, Director of Development, *Equilibrium Entertainment*.

**ROBERT DE VICO**, Production Designer, *Equilibrium Entertainment*.

**DAVE DRZEWIECKI**, D.P. (*CSI, Artificial Intelligence: AI, X2*).

**DAVE HAGEN**, Editor, *Equilibrium Entertainment*.

**DEMIAN LICHTENSTEIN**, Director (*Relentless 3D, Venus & Vegas, 3000 Miles to Graceland*)

**JASON STODDARD**, Managing Partner, Strategy, *Centric/Agency of Change*.

KEN BRADY is CEO of Genkii, a Tokyo-based virtual world and social media strategic consultancy. Previously, Ken was Director, International Strategies for Centric/Agency of Change in Los Angeles, and has worked in the film industry. A professional science fiction writer, his work has appeared in numerous magazines, webzines, and anthologies including *Analog, Writers of the Future, Strange Horizons, Science Fiction World, Ideomancer, Fortean Bureau, Weird Tales, Modern Magic, Rosebud, Talebones, The William and Mary*

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Review, *Clonepod*, *Darker Matter*, *Frequency*, and *Midnight Street*. He has sold a screenplay to Miramax, produced an award-winning feature film, and produced several stage plays.

ROBERT DE VICO is a production designer, writer, director and fine artist who has worked internationally designing feature films, commercials and music videos. He was mentored by Harold Michelson, Hitchcock's art director, in the old school in-camera approach to filmmaking. His introduction to mainstream filmmaking was Norman Mailer's *Tough Guys Don't Dance*. Robert designs in both 2D and 3D, providing immediate, lensed, animated pre-visualization for his directors on his sets. Among his recent projects is *The Saint* with Barry Levinson. He has also worked with directors like Oliver Stone, Jim Jenkins, Raul Ruis, Agnieszka Holland, Joe Pytka, Dave Meyers, and Sam Bayer. Currently, he is working as production designer for Demian Lichtenstein's 3D feature film *Relentless*.

DAVE DRZEWIECKI is a Director of Photography with twenty years of experience in motion pictures, television and commercials. At Sony Pictures Imageworks, he was responsible for shooting all of the company's visual effects and miniatures, as well as building the camera department and supervising visual effects. While at Sony, Dave worked on the films *Speed*, *Money Train*, *The Net* and 3D special venue film, *Ahead of Time*. He also supervised the miniature photography on *Titanic* and *Volcano*. Recent work includes *CSI: Crime Scene Investigation* and the independent film *Taylor*, which he also produced. Dave serves on the IATSE Local 600 National Executive Board and chairs Local 600's 3D training committee. Dave is also a member of the Academy of Motion Picture Arts and Sciences Visual Effects Branch and the Visual Effects Society.

JESSE GUMA has worked with Equilibrium Entertainment since 2001. He has organized and produced a number of music videos for the company and presently manages the in-house development of Equilibrium Entertainment's Feature Film division. In 2005, he was the production office coordinator for *The Unseen* and co-produced *Love and Suicide*, the first feature film to be shot entirely in Cuba since the embargo took effect. Currently, he is a co-producer on the upcoming 3D action adventure film, *Relentless*.

DAVE HAGEN has directed television commercials and music videos and edited *Magic Rock*, starring Miko Hughes, for which he also composed the soundtrack. He joined the Equilibrium Entertainment team as co-editor of *Venus & Vegas*, starring Donald Faison, Molly Sims, Eddie Kaye Thomas, and Jaime Pressly. Next Dave co-produced the mockumentary *Totally Baked*, and is currently working on James Cotten's drama *La Linea*, starring Andy Garcia and Ray Liotta.

DEMIAN LICHTENSTEIN has over twenty motion picture projects and multiple television shows to his credit. Currently, he is preparing to produce and direct *Relentless*, a 3D action thriller starring Karl

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Urban. He has also teamed with writing partner, M. Dooma Wendschuh on the production and video game for *Relentless*. Other credits include: producer, director, and writer, *Venus & Vegas*; producer, *The Unseen*; producer, director and writer, *3000 Miles to Graceland*; executive producer, *The Road to Graceland*; producer and director of photography, *Love & Suicide*; producer, director and writer, *Lowball* for Showtime; and director of the television series, *The Company*. He has also produced and directed over 250 music videos for artists including Sting, Eric Clapton, Queen Latifah, and Gloria Estefan.

JASON STODDARD is Managing Partner for Centric, an advertising agency offering branding, corporate identity and design, and specializing in online and virtual marketing. He has been a guest speaker at Loyola Marymount University, at entertainment industry forums such as DVD's 9 Lives, and is a respected resource for information on current and developing market trends. Jason is also a professional science fiction writer, covering near-future developments such as virtual worlds and monetization.

### 12:00 p.m. - 12:45 p.m. Theatre 1 PREPARING PITCH PACKAGES AND PILOTS FOR THE SMALL SCREEN

#### Panelists:

**TOM HOLLAND**, Writer/Director (*Child's Play*, *Fright Night*, *Stephen King's Thinner*)

**NEAL ISRAEL**, Writer/Producer/Director (*Bachelor Party*; Television: *Clueless*, *Hidden Howie*, *About a Girl*)

**Moderator: RANDAL KLEISER**, Director (*Lovewrecked*; *Red Riding Hood*; *Grease*).

TOM HOLLAND started his career as an actor before moving into writing and directing. He is the writer of *Psycho II*, *Cloak and Dagger*, *The Beast Within*, and *Class of 1984*. He also wrote and directed *Fright Night*, *Child's Play*, *Stephen King's Thinner* and *Stephen King's The Langoliers*. Additionally, for television, Tom wrote and directed several episodes of HBO's *Tales from the Crypt* and recently directed "We All Scream for Ice Cream," an episode of *Masters of Horror*. Tom has also written and directed two digital projects for the internet, *Driven* and *5 or Die*.

NEAL ISRAEL has over twenty feature films to his credit as a director, writer, and producer. He created the *Police Academy* film series, wrote and directed the hit, *Bachelor Party* starring Tom Hanks, worked with Amy Heckerling on the *Look Who's Talking* film series, wrote *Real Genius* for Martha Coolidge, and executive produced *Finding Neverland*, which starred Johnny Depp and received seven Oscar nominations. For television, he has directed, written and produced many highly-rated movies for television, as well as episodic series including *The Wonder Years*, *Clueless*, *Judging Amy*, *Joan of Arcadia*, *Lizzie McGuire* and HBO'S *Mind of the Married Man*. He has received Oscar, Emmy, and PGA nominations, a WGA Award, A National Board of Review Award, an International Broadcast Award, and a Clio for his commercial work.

RANDAL KLEISER (Moderator) made his directorial debut in 1978 with the feature, *Grease*. Other directing credits include *The Boy in the Plastic Bubble*, *The Blue Lagoon*, *Flight of the Navigator*, *It's My Party*, *White Fang* and the 3D Disney Theme park attraction, *Honey, I Shrank the Audience*. Working with Paul Debevec at the Institute for Creative Technologies, Randal co-invented a digital Cinerama-like process called Vistarama HD. His *Red Riding Hood* was shot on virtual sets and debuted at the 2006 International Digital Cinema Festival in Lisbon. His 2005 feature, *Lovewrecked*, was distributed by the Weinstein Company. Randal is a member of the DGA's Special Projects Committee and chairs the Special Projects subcommittee overseeing the programming for Digital Day.

### 12:50 p.m. - 1:35 p.m. Theatre 1 3D AND THE TV VIEWING EXPERIENCE: Moving 3D into the Media Mainstream

#### Panelists:

**JOSHUA GREER**, President, *Real D*.

**BERNIE LARAMIE**, Producer, *StereoScope, LLC*.

**LOREN NIELSEN**, Co-Founder and President, *ETC*.

**CHRIS YEWDALL**, President and CEO, *DDD*.

**Moderator: MARTY SCHINDLER**, CEO, *The Schindler Perspective*.

JOSHUA GREER is co-founder and President of REAL D. Previously, he designed the first all-digital 3D projection system for Walden Media while working with director James Cameron on *Ghosts of the Abyss*. Joshua also served as President of Digital Domain New Media Group, which produced the first web-based, full-motion, interactive public service announcement for General Motors' Concept Cure Campaign. He co-founded Digital Planet, the award winning web and DVD production company that created more than 300 major websites for companies such as Universal Pictures, MGM, Sony, and 20th Century Fox, and launched the first web-based movie site for MGM's feature film *Stargate*. Joshua works with the Society of Motion Picture and Television Engineers (SMPTE), studying the deployment of 3D in the digital cinema universe.

BERNIE LARAMIE has been a Producer for more than 25 years, and is best known for his work on *CSI: Crime Scene Investigation* as well as such series as *Shark*, *Threat Matrix*, *Profiler*, *Dark Skies* and *Max Headroom*. More recently, Bernie handled post-production on the IMAX 3D production of James Cameron's *Aliens of the Deep*, and was the Technical Producer on *The Last Mysteries of the Titanic*. As Director of Post Production at Lorimar, Bernie pioneered many state-of-the-art post-production techniques including the use of electronic non-linear systems, CGI effects, and 3 perf 35mm for production. He is currently Executive in Charge of Production for StereoScope Entertainment, where he produces feature films in 3D, as well as 3D Digital Signage and other new media.

LOREN NIELSEN is co-founder and President of Entertainment Technology Consultants (ETC), which has been instrumental in the development of digital cinema and is similarly involved in a variety of

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technologies, including HD and 3D video. Loren is a technology marketing specialist known for her ability to assess the marketplace and guide the introduction and development of new technologies. Working with clients to align new digital technologies with the requirements of the marketplace, Loren orchestrates technology demonstrations and proof of concept presentations that bring together the entertainment and electronics sectors.

CHRIS YEWDALL is President and CEO of DDD Group, specializing in 3-D content solutions that build bridges between today's two-dimensional content and emerging 3-D digital cinema content and new displays, including software and custom processors used in the latest 3D HDTVs. A leader in emerging markets for stereoscopic 3-D consumer devices including flat screen television, mobile telephones, notebook and desktop PCs, DDD is marketed under the TriDef® and DDD Mobile™ brands, with international licensees and customers like Samsung, Sharp Corporation, Arisawa Manufacturing Company, Hyundai IT and Cartoon Network. Chris has led DDD's growth in emerging consumer electronics and content markets for consumer 3-D devices. He is also a member of the Society of Motion Picture and Television Engineers (SMPTE).

MARTY SHINDLER (Moderator) is the CEO of The Shindler Perspective, Inc., a management consulting team that provides hands on management, strong educational credentials and many years of professional service to companies all along the entertainment and entertainment technology food chain. Our backgrounds include Big 4 consulting/CPA firm experience, top 5 business graduate school, with work experience at 20th Century Fox, MGM, Industrial Light & Magic, Kodak's Cinesite and Bank of America. Projects include business and strategic planning, operational reviews, market assessments, research & analysis and consulting on trends in the various market segments in which they are involved.

## LUNCH BREAK

1:35 p.m. - 2:30 p.m.

2:30 p.m. - 3:15 p.m. Theatre 1  
**THE CHALLENGES OF DIRECTING 3D**  
The Making of *Journey to the Center of the Earth* with Director Eric Brevig and Lenny Lipton, CTO, Real D

**Panelists:**

**ERIC BREVIG**, Director, *Journey to the Center of the Earth*.

**LENNY LIPTON**, CTO, *Real D*

ERIC BREVIG recently made his directorial debut in Warner Brothers' *Journey to the Center of the Earth*, the first live-action narrative motion picture to be photographed in stereo HD for digital 3D theatrical release. Prior to helming *Journey*, Brevig served as second unit director and visual effects supervisor on over 25 films, including *Men in Black*, *Pearl Harbor* and *The Island*. An expert in 3D filmmaking, he has

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overseen the photography and visual effects for *Magic Journeys*, *Captain EO* and *Honey I Shrunk the Audience* - all created for continuing exhibition at Disney theme parks around the world. Eric was awarded a Special Achievement in Visual Effects Academy Award for his ground-breaking work on *Total Recall* and has received Oscar nominations for Best Visual Effects for *Pearl Harbor* and *Hook*, as well as a BAFTA nomination for *Men in Black*.

LENNY LIPTON is the Chief Technology Officer of Real D. In 1980, he founded StereoGraphics Corporation, where he invented the ZScreen, the most widely used method for projecting theatrical 3D movies. In 1996 he received an award from the Smithsonian Institution for his invention of CrystalEyes®, the first practical electronic stereoscopic product for computer graphics and video applications such as molecular modeling, aerial mapping and medical imaging. Lenny has been granted over thirty patents in the field of stereoscopic displays and is the author of the books *Foundations of the Stereoscopic Cinema* and *Independent Filmmaking*. He has also produced and directed 25 films, one of which, *Let a Thousand Parks Bloom*, was included in the exhibition Summer of Love at the Whitney Museum of American Art in 2007.

3:20 p.m. - 4:05 p.m. Theatre 1

### 3D UPDATE:

The 3D Pipeline and Workflow

**Panelists:**

**DAVID KENNETH**, Executive Producer, *I. E. Effects*.

**VINCE PACE**, CEO, *PACE*.

**STEVE SCHKLAR**, CEO, *3ality Digital Systems*.

**PAUL MARTIN SMITH**, Editor, (*Journey to the Center of the Earth*, *Behind Enemy Lines*, *Star Wars: Episode I*).

**CHRISTIAN ZAK**, VP, Independent Feature Services, *Technicolor Content Services*.

**Moderator: MARTY SCHINDLER**, CEO, *The Shindler Perspective*.

DAVID KENNETH is Executive Producer of I.E. Effects, a full-service production, post production, stereoscopic 3D and visual effects facility. As head of new business, he serves as the primary liaison between the creative and sales divisions of the company. After working in various capacities in production, David was asked to supervise and produce the visuals for the theme park ride Mission: Space at Disney's Epcot Center. He then went on to become the VFX producer on the Paramount Pictures 3D attraction Star Trek: Borg Invasion 4D for the Las Vegas Hilton. He has also worked as a VFX Producer on *Spiderman 2*, which netted an Oscar for best visual effects, and as a VFX producer on the Emmy-winning Sci-Fi Channel mini-series *The Triangle*.

VINCE PACE, CEO and founder of PACE, wears many hats in the entertainment industry. Known for some of his underwater exploits, Vince is one of the

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select few cinematographers who captured footage at some of the deepest locations around the world including *Titanic* and *Bismark*, three miles under the surface of the ocean. Over the last eight years, Vince, working with director James Cameron, has been following a path to revolutionize entertainment through the design and use of state of the art 3D tools created by his team at PACE. In an effort to create the Ultimate Entertainment Experience, benchmarks have been set on concert films like *U2* and *Hannah Montana*, sporting events like *NBA All-Star Game* and *Finals*, and several features such as *Journey to the Center of the Earth*, *Final Destination IV*, and *AVATAR*.

STEVE SCHKLAR is the founding principal of 3ality Digital Systems, working on new digital 3D motion picture technologies and real-time broadcast of 3D programming. Steve produced the *U2 3D* movie which premiered at the 2007 Cannes Film Festival. Prior to 3ality, he was a Vice President of Digital Domain, the studio that created the special effects for films like *Apollo 13*, *The Fifth Element*, *Titanic*, and *Terminator 2: 3D*. A pioneer in the utilization of high definition cameras, Steve co-produced and photographed the award-winning film *To Dream of Roses* with special effects wizard Douglas Trumbull. Steve spearheaded the first real-time, live-action 3D transmission to autostereo monitors (no glasses required for 3D viewing). He serves on the Advanced Technology Committee of the American Society of Cinematographers (ASC).

PAUL MARTIN SMITH is the editor of the recently released *Journey to the Center of the Earth*. Among his many film credits are George Lucas' *Star Wars: Episode I*, *The Phantom Menace*; *Mindhunter*; *Behind Enemy Lines*; and *The Matchmaker*. Martin also co-designed and edited three key sequences for the animated feature *Titan A.E.* and edited four films in the video feature franchise, *The Adventures of Young Indiana Jones*. He has edited over 30 documentaries and episodes of the ABC series *The Young Indiana Jones Chronicles* and the NBC sci fi series *Earth 2*, as well as telefilms including *Country Justice*, *Unforgivable*, and *The Canterville Ghost*. Martin is a member of the Guild of British Film Editors, and has worked on award-winning television programs in Great Britain, including *The Driving Force*, for which he won the British Industrial and Scientific Film Association (BISFA) Best Editor Award.

CHRISTIAN ZAK serves as Vice President of Independent Feature Services for Technicolor Content Services in Los Angeles. In this role, Christian oversees production and post-production services for Independent films in North America, including on-set assistance, dailies, previews, digital intermediates, mastering and digital cinema. His recent 3-D independent projects include *Scar*, *My Bloody Valentine* and *Coraline*.

MARTY SHINDLER (Moderator). See bio for "3D and the TV Viewing Experience" on page 4.

**4:10 p.m. - 4:55 p.m. Theatre 1  
PERFORMANCE CAPTURE AND  
MOTION CAPTURE:  
Demystifying the Technology  
and Techniques**

**Panelists:**

**KEVIN CUSHING**, Motion Capture Supervisor, *Giant Studios*.

**PATRICK DAVENPORT**, Executive Producer, *Image Metrics*.

**MARCO MARENGHI**, Animation Supervisor, *Sony Pictures Imageworks*.

**MIKE SANDERS**, Digital Supervisor, *Industrial Light and Magic*.

**Moderator: SUSAN ZWERMAN**, Chair, DGA AD/UPM VFX/Digital Technology Committee (VFX Producer: *The Guardian, Around the World in 80 Days, Fat Albert*).

KEVIN CUSHING is a Motion Capture Supervisor at Giant Studios where he recently oversaw capture production on the first commercial spots for *Gears of War II*. He is currently preparing to supervise motion capture for *TinTin*, the upcoming Steven Spielberg/Peter Jackson CG feature. Kevin was a technical director on James Cameron's upcoming *Avatar*, *Prince Caspian*, and *The Mummy: Tomb of the Dragon Emperor*. He has also worked on films like *Iron Man* and *The Incredible Hulk*. He was a motion editor for Weta Digital, contributing to the Oscar-winning visual effects for *Lord of the Rings: The Two Towers* and *The Return of the King*. At Sony Imageworks, Kevin integrated motion capture for Gil Kenan's *Monster House* and worked on director's layout for the Robert Zemeckis films, *Polar Express* and *Beowulf*.

PATRICK DAVENPORT joined Image Metrics in November 2006 as Executive Producer. A producer with 18 years experience in visual effects and live action, in 1995 Patrick became head of the VFX department and a company director for The Moving Picture Company. In 1997 he joined Digital Domain as Director of Digital Operations for their commercials division. During this time, Patrick also produced several award-winning commercials and was appointed Executive Producer in 2000. After moving into production in 2001, he produced a variety of series and specials for Bravo, E! Entertainment and VH1 and was a Field Producer at MTV on seasons 3 and 4 of *Next*.

MARCO MARENGHI, recently worked as animation supervisor on *I Am Legend*. For this project, Marco oversaw the modeling process, character setup, motion capture and animation support processes, and produced the animation tests and behavioral studies for the entirely CG infected characters. He has also served as animation supervisor on *Speed Racer* and *Ghost Rider*, lead animator on *Bewitched* and completed numerous animation shots for *The Polar Express*, *Minority Report*, *Evolution*, *Walking With Dinosaurs*, *Lost in Space* and *Tomorrow Never Dies*, as well as video games and commercials. In 2008 he received the International Family Film Festivals' Friz Freling Award. He was also the subject of a BBC documentary, *The Marco Marengli Story*.

MIKE SANDERS is a Digital Supervisor at Industrial Light & Magic. Mike specializes in advanced technologies related to data acquisition and integration, focusing mainly on photorealistic creature and digital double performance. Some of his work includes the digital passengers on the *Titanic* and *Pearl Harbor*, the *Star Wars* clone troopers, *The Hulk*, *The Mummy*, the Vampire Brides of *Van Helsing*, *The Terminator*, *Transformers*, Davy Jones and his pirate crew for *Pirates of the Caribbean: Dead Man's Chest* and *World's End*, *The Spiderwick Chronicles*, *Evan Almighty*, and *Iron Man*. Mike is continually working on new technologies related to real-time virtual cinematography and on-set integrated creature performance during live action photography.

SUSAN ZWERMAN (Moderator). See bio for "A Guided Tour of New Internet Entertainment Platforms" on page 2.

**5:00 p.m. - 5:45 p.m. Theatre 1  
PERFORMANCE CAPTURE:  
Is It Live-Action or Animation?**

**Panelists:**

**KENN MCDONALD**, Animation Supervisor (*Beowulf*, *Open Season*, *Polar Express*)

**COREY TURNER**, Technical Supervisor (*I Am Legend*, *Beowulf*, *Monster House*).

**Moderator: BUZZ HAYS**, Senior VFX Producer (*Beowulf*, *Open Season*, *Monster House*).

KENN MCDONALD is currently working on the upcoming film *Watchmen* as animation supervisor for Sony Pictures Imageworks, overseeing motion capture and animation for the character of Doctor Manhattan. Previously, Kenn worked on Robert Zemeckis' *Beowulf* as animation supervisor, completion of performance capture through final animation. Other credits include *Open Season*, *The Polar Express*, *Stuart Little 2*, and *The Matrix Reloaded*. Kenn has also worked at Saban Entertainment, where he was animation supervisor and supervising technical director on *What's with Andy* and *Micromaniacs* webisodes, and worked on story development and character design for *Tae Kwan Do*. Previously, he did CG animation for *The Chubb Chubbs!*, winner of the 2003 Oscar for Best Animated Short Film.

COREY TURNER most recently worked on *I Am Legend* for Sony Imageworks where he integrated performance capture data from actors on stage and computer generated characters for the crowd scenes in the film. Previously, Corey served as technical animation supervisor on Robert Zemeckis' *Beowulf*, overseeing performance capture tracking and rough integration, and supervising the director's layout & wheels process, and final integration. Other credits include *Monster House* and *The Polar Express*. Prior to joining Imageworks, Corey worked as a compositor at Cinesite and an application and training specialist for Cineon, a film compositing application. He also co-created and directed *Cita's World*, featured on the Black Entertainment Television network.

BUZZ HAYS (Moderator) is Senior Producer, 3D Stereoscopic Feature Films for Sony Pictures Imageworks, overseeing adaptation of standard release feature films into three-dimensional stereoscopic versions for IMAX 3D and Real D platforms, including, most recently, Robert Zemeckis' *Beowulf*. Previous Imageworks projects include the Igemotion performance-capture animated film *Monster House* and the first Sony Pictures CG animated feature *Open Season*. At Radium, he was executive producer of visual effects for music videos and commercials, and at yU+co, he executive produced title sequences for films like *Catwoman*, *The Terminal* and *The Chronicles of Riddick*. He also co-founded TriBeCa Interactive with Robert De Niro and was director of engineering at Lucasfilm THX on efforts including the THX Sound System and Home THX.

