



EVENT PROGRAM



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Welcome!

Welcome to the GSCA 2016 Film Expo and Filmmaker Symposium. Our mission is to facilitate communication, information sharing, and the development of best practices to support the production and exhibition of original, high-quality, educational, and entertaining giant screen cinema experiences.



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SCHEDULE

Sunday, March 6: Pre-Expo Day

TIME	EVENT	LOCATION
All day	Rehearsals	AMC IMAX Theater
8:00 am	24-Hour Rule Begins	
8:00 am - 6:00 pm	Registration and Information	Hilton Lobby
9:00 am - 11:30 am	GSCA Board Meeting (breakfast served)	Hilton Sierra Suite
12:00 pm - 1:30 pm	Committee Meetings (snacks served)	Hilton
	• Marketing and Member Services	• Mandarin A
	• Technical	• Sierra Suite
	• Professional Development	• Mandarin B
2:00 pm - 3:30 pm	Committee Meetings	Hilton
	• Conference	• Sierra Suite
	• Lifelong Learning	• Mandarin B
4:00 pm - 6:00 pm	Alternative Content Special Interest Group*	Hilton Mandarin A
6:00 pm - 7:00 pm	Distributors Interest Group*	Hilton Mandarin B
6:00 pm - 8:00 pm	3D Film Interest Group*	Hilton Sierra Suite

Monday, March 7: Film Expo Day 1

TIME	EVENT	LOCATION
	Breakfast on your own	
7:30 am	Walk to AMC IMAX Theater	
7:30 am - 5:00 pm	Registration and Information	AMC IMAX Theater
8:00 am - 8:45 am	GSCA Welcome and IMAX 12.0 Sound Demo	AMC IMAX Theater
9:00 am - 9:30 am	Film 1: <i>Asteroid: Mission Extreme</i> (2D)	AMC IMAX Theater
9:30 am - 9:45 am	Break	AMC IMAX Theater
9:45 am - 10:45 am	Film 2: <i>National Parks Adventure</i> (3D)	AMC IMAX Theater
10:45 am - 11:15 am	Projects in Development	AMC IMAX Theater
11:15 am - 11:45 am	Trailers	AMC IMAX Theater
11:45 am - 1:30 pm	Lunch on your own	
1:30 pm - 4:30 pm	Films in Production	AMC IMAX Theater
4:30 pm - 5:30 pm	Film 3: <i>A Beautiful Planet</i> (2D)	AMC IMAX Theater
5:30 pm	Dinner on your own	

*These special interest groups are privately held meetings and are by invitation only. Special interest group meetings are run and managed by GSCA members; however, they are not official GSCA groups.

Tuesday, March 8: Film Expo Day 2

TIME	EVENT	LOCATION
7:30 am - 9:30 am	Registration and Information	Hilton Foyer A
8:00 am - 9:30 am	GSCA Member Meeting and Breakfast, sponsored by Christie	Hilton Ballroom A
9:30 am	Walk to AMC IMAX Theater	
10:00 am - 5:30 pm	Registration and Information	AMC IMAX Theater
10:00 am - 11:00 am	Film 4: <i>Wild Africa</i> (3D)	AMC IMAX Theater
11:00 am - 11:45 am	Film 5: <i>Amazing Mighty Micro Monsters 3D</i>	AMC IMAX Theater
11:45 am - 12:30 pm	Film 6: <i>The Search for Life in Space</i> (2D)	AMC IMAX Theater
12:30 pm - 2:30 pm	Lunch on your own	AMC IMAX Theater
2:30 pm - 3:30 pm	Film 7: <i>The Secret Canyon</i> (3D)	AMC IMAX Theater
3:30 pm - 4:30 pm	Film 8: <i>Space Next 3D</i>	AMC IMAX Theater
4:30 pm - 5:15 pm	Film 9: <i>A Reef Reborn</i> (3D)	AMC IMAX Theater
5:30 pm - 6:30 pm	GSCA Board Meeting	Hilton Mandarin AB
	Dinner on your own	
12:00 am	24-Hour Rule Ends	

Wednesday, March 9: Filmmaker Symposium Day 1

TIME	EVENT	LOCATION
	Breakfast on your own	
7:30 am - 8:00 am	Walk to AMC IMAX Theater	
7:30 am - 9:30 am	Registration	AMC IMAX Theater
8:00 am - 9:30 am	Welcome: Setting the Stage for the Filmmaker Symposium	AMC IMAX Theater
	What Belongs on the Giant Screen?	
9:30 am - 10:00 am	Walk to Universal Hilton	
10:00 am - 6:00 pm	Registration and Information	Hilton Foyer A
10:00 am - 11:30 am	Development: Economic Realities and Fundraising	Hilton Ballroom A
11:30 am - 1:00 pm	Pre-Production: The Anatomy of a Giant Screen Budget	Hilton Ballroom A
1:00 pm - 3:00 pm	Lunch and Production Mini-Trade Show	Hilton Ballroom B
3:30 pm - 6:00 pm	Storytelling: The Art of the Giant Screen	Hilton Ballroom A
6:00 pm	Cocktails	Hilton Courtyard

SCHEDULE

Thursday, March 10: Filmmaker Symposium Day 2, sponsored by Christie

TIME	EVENT	LOCATION
	Breakfast on your own	
7:30 am - 8:00 am	Walk to AMC IMAX Theater	
8:00 am - 11:00 am	Registration and Information	AMC IMAX Theater
8:00 am - 11:00 am	Postproduction: Capture and Audio • Capture • IMAX 12.0 Immersive Sound System Demo • Location Audio Recording for the Giant Screen • Sound Design	AMC IMAX Theater
11:00 am - 1:00 pm	Lunch, sponsored by Christie Digital	Hilton Pool
1:00 pm - 4:30 pm	Registration and Information	Sheraton East Ballroom
1:00 pm - 2:00 pm	Christie High Frame Rate Demo	Sheraton East Ballroom
2:00 pm - 3:00 pm	Postproduction: Deliverables	Sheraton East Ballroom
3:00 pm - 4:30 pm	Distribution and Marketing: Your Film Is Finished... And You Thought You Were Done!	Sheraton East Ballroom

UNIVERSAL CITYWALK



CASUAL DINING

- 30 Bubba Gump Shrimp Co.
- 44 Buca di Beppo
- 33 Camacho's Cantina
- 56 Hard Rock Cafe Hollywood at Universal CityWalk
- 48 Jillian's
- 27 Johnny Rockets Restaurant & Sports Lounge
- 58 Karl Strauss Brewing Company
- 01 Saddle Ranch Chop House
- 57 Samba Brazilian Steakhouse
- 29 Tony Roma's
- 31 Wasabi at CityWalk
- 09 Wolfgang Puck Bistro

SNACKS & REFRESHMENTS

- 23 Ben and Jerry's
- 43 Cinnabon
- 10 The Coffee Bean & Tea Leaf
- 35 IT'SUGAR
- 28 Jamba Juice
- 03 Popcornopolis
- 55 Starbucks Coffee
- 49 Wetzel's Pretzels
- 40 Yogurtland

QUICK SERVICE EATERIES

- 08 The Crêpe Café
- 65 Flame Broiler
- 54 Hollywood Pizza and Gelato
- 68 KFC Express

- 63 Panda Express
- 67 Pink's Famous Hot Dogs
- 69 Pizza Hut Express
- 64 Smashburger
- 62 Subway
- 66 Taco Bell

APPAREL & ACCESSORIES

- 34 Abercrombie & Fitch
- 06 ANGL
- 02 Billabong
- 24 Element
- 41 Flip Flop Shops
- 04 Fossil
- 18 Francesca's Collections
- 22 GUESS Accessories
- 42 Lids
- 13 The Los Angeles Sock Market
- 19 SCENE
- 45 Shoe Palace (coming soon)
- 37 Skechers

COLLECTIBLES, GAMES & NOVELTIES

- 30 Bubba Gump Shrimp Co.
- 12 Crow's Nest Toys
- 07 Dodgers Clubhouse Store
- 50 Hard Rock Cafe - Retail Store
- 20 Hot Topic
- 38 Locker Room by Lids
- 32 Magnet Max
- 47 The Raider Image

- 26 Sparky's
- 52 Things From Another World
- 16 Universal Studios Store
- 11 Upstart Crow

FOOD SPECIALTIES, HOME, HEALTH & BEAUTY

- 35 IT'SUGAR
- 25 LUSH Cosmetics
- 03 Popcornopolis
- 26 Sparky's
- 05 Zen Zone

NIGHT SPOTS

- 30 Bubba Gump Shrimp Co.
- 44 Buca di Beppo
- 56 Hard Rock Cafe Hollywood at Universal CityWalk
- 60 Howl at the Moon
- 61 Infusion Lounge
- 48 Jillian's
- 01 Saddle Ranch Chop House
- 57 Samba Brazilian Steakhouse & Lounge

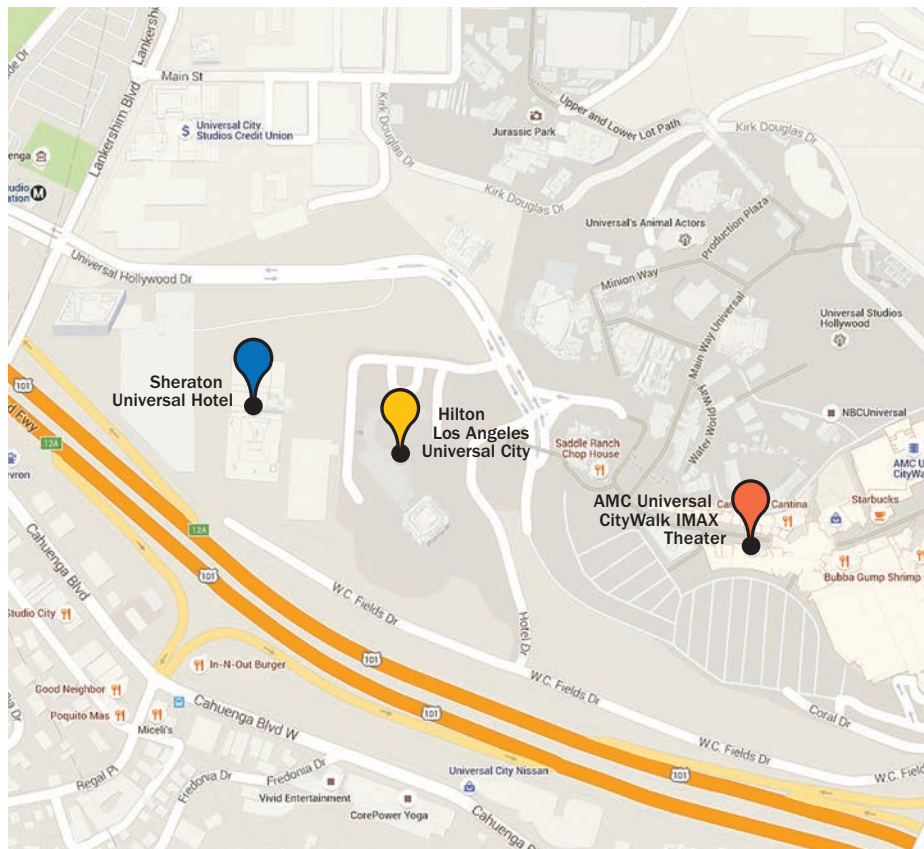
CINEMAS

- 53 CityWalk Cinemas Stadium 19 with IMAX®

EXPERIENCES

- 51 iFLY Hollywood Indoor Skydiving
- 48 Jillian's

EVENT LOCATIONS



AMC UNIVERSAL CITYWALK IMAX THEATRE
 100 Universal City Plaza
 Universal City, CA 91608
 GSCA Film Screenings

HILTON LOS ANGELES UNIVERSAL CITY
 555 Universal Hollywood Drive
 Universal City, CA 91608
Official GSCA event hotel. Site for GSCA meetings, member brunch, and sessions on Symposium day 1.

SHERATON UNIVERSAL HOTEL
 333 Universal Hollywood Drive
 Universal City, CA 91608
Site for sessions on afternoon of Symposium day 2.

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POLICIES

RECORDING AND MEDIA POLICIES

GSCA sessions may be recorded. Audience members are advised that attendance at these sessions gives GSCA their implicit permission to be recorded. Private video or audio recording during film presentations or professional development sessions is prohibited without prior authorization from GSCA. Industry press has access to all sessions and events. GSCA will not be held responsible for any delegate commentary made in the presence of press/media.

PHOTOGRAPHY

GSCA staff and photographers will be taking photos of attendees throughout the event. These photos may be used in any manner or media, including but not limited to the GSCA website, publications, advertisements, and social media outlets. If you would prefer that your photo not be used for these purposes, please contact Kelly Germain at kelly@giantscreencinema.com.

NOT A GSCA MEMBER YET?

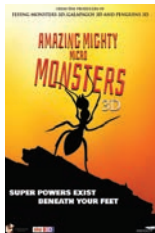
Join the Giant Screen Cinema Association and become part of the international professional network that encompasses all aspects of the giant screen industry. You'll get member discounts, exclusive access to industry resources, and opportunities to network in the industry that provides the most inspiring, highest quality, immersive theater experiences in the world.



FOR FURTHER INFORMATION VISIT GIANTSREENCINEMA.COM

Kelly Germain, Director of Membership & Communications, Kelly@giantscreencinema.com

NEW FILMS



AMAZING MIGHTY MICRO MONSTERS 3D

Presented in 3D
RELEASE: January 2016
FORMATS: 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital
LENGTH: 38:05

PRODUCER: Colossus Productions
DISTRIBUTOR: Serengeti Entertainment
CONTACT: Melissa Williams, melissaw@atlanticproductions.co.uk

Super powers exist. Right here on Earth. And they are beneath our feet. They include beetles that shoot chemical fire and lift enormous weights; scorpions that glow in the dark with astonishing crushing powers; spiders that can make themselves virtually invisible and hypnotise their prey; even a bug that can transform itself into another creature entirely. Prepare to be amazed in this 3D giant screen adventure exploring the hidden world of the super-powered bugs. There is the potential to ease a shorter version.



ASTEROID: MISSION EXTREME (FINE CUT)

Presented in 2D
RELEASE: April 15, 2016
FORMATS: 2D and 3D, DCI-compliant Digital, Fulldome Digital
LENGTH: 25:34
PRODUCER: National Geographic and Sky-Skan

DISTRIBUTOR: National Geographic
CONTACT: Antonietta Monteleone, amonte@ngs.org

Asteroid: Mission Extreme takes audiences on an epic journey to discover the possibilities that asteroids present for space travel. Using stunning visuals and state-of-the-art computer graphics, the film presents the fascinating idea, based on real science, that asteroids could be used as stepping stones to other worlds, veritable "way stations" in space enabling us to cross the entire solar system. As with any venture in outer space, the

challenges involved with making this idea a reality are enormous; however, a mission this extreme could ultimately lead us to learn how to protect our planet and how to successfully inhabit other worlds. Explore what it would take for astronauts to reach an asteroid and then tame it for our use, as well as how such an extraordinary adventure could benefit humankind, in *Asteroid: Mission Extreme*.



A BEAUTIFUL PLANET (FINE CUT)

Presented in 2D
RELEASE: April 29, 2016
FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser
LENGTH: 40:00
PRODUCER/DISTRIBUTOR: IMAX Corporation
CONTACT: Gina Glen,

gglen@imax.com

A Beautiful Planet is a breathtaking portrait of Earth from space, providing a unique perspective and increased understanding of our planet and galaxy as never seen before. Made in cooperation with the National Aeronautics and Space Administration (NASA), the film features stunning footage of our magnificent blue planet—and the effects humanity has had on it over time—captured by the astronauts aboard the International Space Station (ISS). From space, Earth blazes at night with the electric intensity of human expansion—a direct visualization of our changing world. But it is within our power to protect the planet. As we continue to explore and gain knowledge of our galaxy, we also develop a deeper connection to the place we all call home. From IMAX Entertainment and Toni Myers—the acclaimed filmmaker behind celebrated IMAX® documentaries *Blue Planet*, *Hubble 3D*, and *Space Station 3D*—*A Beautiful Planet* presents an awe-inspiring glimpse of Earth and a hopeful look into the future of humanity.

FROM TONI MYERS
 DIRECTOR OF HUBBLE 3D

IMAX A BEAUTIFUL PLANET

NARRATED BY JENNIFER LAWRENCE

APRIL 29 | 2016

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For more information, contact Gina Glen | IMAX Film Distribution
 phone: (905) 403-6294 email: gglen@imax.com

WRITTEN AND DIRECTED BY TERENCE MALICK

IMAX VOYAGE OF TIME

NARRATED BY BRAD PITT

EXCLUSIVELY IN IMAX THEATRES OCTOBER 7

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NATIONAL PARKS ADVENTURE

INTERNATIONAL TITLE:
America Wild: National Parks Adventure
Presented in 3D

RELEASE: February 12, 2016
FORMATS: 2D and 3D, 15/70,
IMAX Digital, IMAX Laser,
DCI-compliant Digital,

Dome-customized 15/70, Fulldome Digital
LENGTH: 43:25
PRODUCER: MacGillivray Freeman Films
DISTRIBUTOR: MacGillivray Freeman Films
Distribution Company
CONTACT: Bob Harman, bharman@macfreefilms.com

National Parks Adventure is an immersive giant-screen experience that takes audiences on the ultimate off-trail adventure into the pristine wilderness of America's great outdoors. Spectacularly wild and iconic places like Yosemite, Yellowstone, the Everglades, Redwood, Canyonlands, and more are illuminated as never before with IMAX® 3D camera imagery. Audiences will drop into the adventure with world-class mountaineer Conrad Anker, his son Alex Lowe, and friend Rachel Pohl as they mountain bike ride, ice climb, and river raft their way through the nation's mountains and canyons, then travel back in time to America's most famous camping trip where President Theodore Roosevelt and renowned conservationist John Muir imagined a vast National Parks system that would preserve these national treasures forever. Released to coincide with the 100th Anniversary of the U.S. National Parks, *National Parks Adventure* reveals a tapestry of natural wonders that will inspire the adventurer in us all.



A REEF REBORN

Presented in 3D
RELEASE: March 2016
FORMATS: 3D, DCI-compliant
Digital

LENGTH: 25:11
PRODUCER/DISTRIBUTOR:
Summerhays Films
CONTACT: Soames Summerhays,
jgsoames@aol.com

Dive into glistening schools of sardines, colossal sharks, and eye-popping life. *A Reef Reborn* celebrates the triumph of a community on the brink of catastrophe and takes viewers on a journey through time in beautiful Baja California. Against the stunning backdrop of Cabo Pulmo, the Castro family and their community allies fight to save a dying reef that had sustained them for generations. Decades of overfishing depleted the Cabo Pulmo reefs and sapped the community of its members, as families abandoned their homes to seek their fortunes elsewhere. United with scientists and conservationists, a new generation of Cabo Pulmo residents resolves to resurrect their most precious resource and build a new future. *A Reef Reborn* is the global theatrical release of a larger program and will premiere in San Diego at the San Diego Natural History Museum on March 16. This film is related to a version entitled *Mar Vivo* being released first in Mexico, then worldwide. *Mar Vivo* will be released with its accompanying educational program in Spanish on the same date.



THE SEARCH FOR LIFE IN SPACE (ROUGH CUT)

Presented in 2D

RELEASE: September 2016
FORMATS: 2D and 3D,
IMAX Digital, IMAX Laser,
DCI-compliant Digital,
Dome-customized 15/70

LENGTH: 39:10
PRODUCER: December Media Pty. Ltd.
DISTRIBUTOR: MacGillivray Freeman Films Distribution Company

CONTACT: Bob Harman, bharman@macfreefilms.com
For science the heavy lifting is over, a new era of space exploration has begun. It's the search to find something that changes everything—signs of life, somewhere else in the universe. NASA is breaking ground on a new brand of science, Astrobiology. We already know that life in space exists, because that's what we are, as are all things that live on our planet. *The Search for Life in Space* is a journey that takes us from the depths of the Pacific Ocean, to Europa, the ice moon of Jupiter, back in time to when Mars

was a virtual Eden, and out into the far reaches of space in search of planets like ours. It will make you re-examine such fundamental questions as: "Where did we come from?", "How did we get here?" and "Are we alone?"



THE SECRET CANYON

Presented in 3D
RELEASE: March 2016
FORMATS: 3D, DCI-compliant
Digital LENGTH: 48:00
PRODUCER: Camera Lucida
Productions
DISTRIBUTOR: Ecocine Verdon
CONTACT: Francois Bertrand,

fbertrand@cameralucida.fr
The Gorges du Verdon is a canyon in the south of France that attracts a large variety of visitors. Though millions of tourists—hikers and others—now visit the Gorges du Verdon every year, for ages it inspired fear and respect. Some sections are accessible only by water, and the rapids can be very dangerous. The film tells the story of Clara and Hidalgo, two young people who seem entirely unlike. Clara, a young black woman, is hiking the trail. Hidalgo, an intrepid young white man, plans to descend the furious torrent. He is following the route of the first expedition down the river completed in 1905 by Edouard-Alfred Martel. Clara and Hidalgo are about to embark on an epic journey that will unite them for life—an ordeal against a backdrop more extraordinary than anything humans could create. By following their expedition, and Martel's, the film will reveal the hidden side of the Gorges du Verdon.



SPACE NEXT 3D

Presented in 3D
RELEASE: December 4, 2015
FORMATS: 2D and 3D, 15/70,
IMAX Digital, IMAX Laser,
DCI-compliant Digital,
Dome-customized 15/70,
Fulldome Digital
LENGTH: 38:00
PRODUCER: Afterglow Studios

DISTRIBUTOR: BIG & Digital
CONTACT: Tina Ratterman, tratterman@biganddigital.com

The journey to reach the stars began with our earliest dreams of flying and led to landing on the moon and sending a probe to Pluto. But that's only the beginning. *Space Next* offers a glimpse into tomorrow and the possibilities of what is to come by way of private space developments and national space programs. The result is an exhilarating vision of our future, based on real science, sure to inspire a generation of explorers, scientists, and dreamers. A 25-minute edit is also available in Digital and Fulldome formats. 8K is available to fulldome venues.



WILD AFRICA

Presented in 3D
RELEASE: December 15, 2015
FORMATS: 2D and 3D, 15/70,
IMAX Digital, IMAX Laser,
DCI-compliant Digital,
Dome-customized 15/70
LENGTH: 42:02 and 20:00
(42:02 to be screened)
PRODUCER: BBC Earth in

association with Evergreen Studios
DISTRIBUTOR: BBC Earth, Giant Screen Films, Reliance Entertainment and IM Global
CONTACT: Tom Rooney, trooney@gsfilms.com
Come with us on a spectacular 3D ride across, over, and through the magical realms of the most dramatic continent on earth: Africa. Our guide through this enchanted kingdom is the sorcerer itself—water. Water crafts *Wild Africa*, conjuring up life wherever it journeys—travelling above the plains on seasonal winds, cascading along raging rivers or sheltering coral cities. Audiences will be plunged into fantastic places and meet amazing creatures. On the journey through the magical realms of Africa, we'll discover the fascinating secrets of this enchanted kingdom. How spectacular volcanic lakes help turn thousands of flamingos pink, why the heat beating down on waterless dunes in the Namib Desert forces a lizard to dance; and why it snows on the equator. It's an adventure where you will truly believe the real world is more extraordinary and awe-inspiring than any fiction.

FILMS IN PRODUCTION

ALICE THROUGH THE LOOKING GLASS

Presented in 3D

RELEASE: May 27, 2016

FORMATS: 3D, IMAX Digital, IMAX Laser

LENGTH: To be determined

PRODUCER: Walt Disney Studios, Roth Films, Team Todd, Tim Burton Productions and Legend3D

DISTRIBUTOR: Walt Disney Studios

CONTACT: Gina Glen, gglen@imax.com

In Disney's *Alice Through the Looking Glass*, an all-new spectacular adventure featuring the unforgettable characters from Lewis Carroll's beloved stories, Alice returns to the whimsical world of Underland and travels back in time to save the Mad Hatter.

ANCIENT CAVES

Presented in 2D

RELEASE: August 2017

FORMATS: 2D, IMAX Laser, Dome-customized 15/70, Fulldome Digital

LENGTH: 40:00

PRODUCER: Oceanic Research Group

DISTRIBUTOR: To be determined

CONTACT: Jonathan Bird, jbird@oceanicresearch.org

A small team of divers descends into a deep underwater cave in the Bahamas. There is no light. The only way home: a string. They have just enough air to complete their mission, the retrieval of an ancient data sample recorded by nature eons ago during an ice age. *Ancient Caves* takes the audience on a journey through geological time on a mission to unlock the secrets of ancient climate change. Viewers fly over the Nevada desert and down into a large crevice filled with hot water from deep inside the Earth. They swim through stunning crystal formations with world-renown cave diver Brian Kakuk, join a team of scientific cavers in Minnesota led by Dr. Gina Moseley, and visit the gleaming clean room of cave climatologist Dr. Larry Edwards where samples are analyzed. *Ancient Caves* brings science and

adventure together as two cave climatologists attempt solve the ice age riddle. It's possible that *Ancient Caves* is the first IMAX film in 30 years to be shot specifically for IMAX Dome (OMNIMAX) theaters. Caves are an incredibly immersive environment, and we are taking advantage of the dome theater to bring the audience underground and underwater. Flat screen versions of the film will be converted from the dome master, not the other way around.

THE ART OF BURNING MAN

Presented in 3D

RELEASE: To be determined

FORMATS: 3D, DCI-Compliant Digital, 5K Giant Screen

LENGTH: 1:15:00

PRODUCER/DISTRIBUTOR: SysmicFilms

CONTACT: Arnaud Paris, aparis@sysmicfilms.com

The Art of Burning Man documents in 5K 3D the art and artists at burning man, their process, achievements, and struggles. Each artist exhibits at Burning Man for different reasons and all have very different experiences, often eccentric personalities, and humble beginnings. This is a story about the love and struggle of Art, the great successes at Burning Man and unrecognized artistic talent.

BATMAN V SUPERMAN: DAWN OF JUSTICE

Presented in 3D

RELEASE: March 25, 2016

FORMATS: 3D, IMAX Digital, IMAX Laser

LENGTH: To be announced

PRODUCER: Warner Bros., DC Entertainment Inc., Syncopy Inc., Atlas Entertainment

DISTRIBUTOR: Warner Bros.

CONTACT: Gina Glen, gglen@imax.com

Fearing the actions of a god-like Super Hero left unchecked, Gotham City's own formidable, forceful vigilante takes on Metropolis's most revered, modern-day

savior, while the world wrestles with what sort of hero it really needs. And with Batman and Superman at war with one another, a new threat quickly arises, putting mankind in greater danger than it's ever known before.

CAPTAIN AMERICA: CIVIL WAR

Presented in 3D

RELEASE: May 6, 2016

FORMATS: 3D, IMAX Digital, IMAX Laser

LENGTH: To be announced

PRODUCER: Marvel Entertainment and Marvel Studios

DISTRIBUTOR: Walt Disney Studios

CONTACT: Gina Glen, gglen@imax.com

After another incident involving the Avengers results in collateral damage, political pressure mounts to install a system of accountability, headed by a governing body to oversee and direct the team. The new status quo fractures the Avengers, resulting in two camps, one led by Steve Rogers and his desire for the Avengers to remain free to defend humanity without government interference, and the other following Tony Stark's surprising decision to support government oversight and accountability.

CARRIER

Presented in 2D

RELEASE: 2016

FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital

LENGTH: 40:00 and 24:00

PRODUCER: The Stephen Low Company

DISTRIBUTOR: K2 Communications

CONTACT: Mark Kresser, mark_kresser@k2communications.com

The mission to protect and defend the world's oceans has become far more complex and challenging in recent years, and naval aviation has become increasingly vital to success. One of the greatest

engineering feats in the history of warfare, the modern Nimitz-class carrier is a masterpiece of technology. With RIMPAC, the world's largest and most comprehensive international maritime training exercise providing the visual context for the story, audiences will find themselves aboard a carrier alongside the 6,000 highly skilled sea and air personnel in the midst of the simulated war exercises taking place there, as well as in other exercises to be filmed in the upcoming year. Rarely has there been a topic so visually suited and compelling for IMAX® theaters and other giant screens.

CUBA

Presented in 2D

RELEASE: To be determined

FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital

LENGTH: 44:00

PRODUCER: Golden Gate 3D

DISTRIBUTOR: To be determined

CONTACT: Peter Chang, peter@gg3d.com

Cuba tells the powerful story of a land preserved in time, a country poised on the cusp of dramatic change. The vibrant culture, meticulously maintained colonial architecture, and pristine ecosystems all provide a profound window to the past. *Cuba* will transport audiences across breathtaking island landscapes, taking them from the groundbreaking scientific exploration beneath the Caribbean Sea to the streets filled with music and dance in the heart of Havana. Through the eyes of Cuban artists, historians, and scientists, audiences will have a rare chance to see this amazing country at a pivotal time in its history. Filmed for the first time in 3D and exclusively for the giant screen, the film will reveal why Cuba continues to stir the imagination of the world.

FILMS IN PRODUCTION

DREAM BIG: ENGINEERING WONDERS OF THE WORLD

Presented in 2D

RELEASE: February 2017

FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital

LENGTH: 40:00

PRODUCER: MacGillivray Freeman Films

DISTRIBUTOR: MacGillivray Freeman Films Distribution Company

CONTACT: Bob Harman,

bharman@macfreefilms.com

Dream Big will leverage the scale of the giant screen to showcase some of the world's modern engineering marvels. From the Great Wall of China to record-reaching skyscrapers in Dubai to bridges soaring above the clouds in France, audiences will experience the massive scale and the forces of nature that challenge their designers. Audiences will follow students on a Solar Challenge as they race across Australia in cars totally powered by the sun, as we explore how engineers are working to build a more sustainable world. The first giant-screen film to focus specifically on STEM, *Dream Big* celebrates the engineers who are pushing the limits of innovation and ingenuity in unexpected, and forward-thinking ways. Together with extensive outreach programs, the film will explore how we use science and technology to build, invent, and shape our world. A MacGillivray Freeman film in partnership with the American Society of Civil Engineers.

EARTHFLIGHT

Presented in 3D

RELEASE: September 2016

FORMATS: 2D and 3D, IMAX Digital, IMAX Laser, DCI-compliant Digital

LENGTH: 40:00 and 20:00

PRODUCER: John Downer Productions and BBC Earth

DISTRIBUTOR: BBC Earth and Giant Screen Films

CONTACT: Tom Rooney, trooney@gfilms.com

Earthflight is a totally immersive experience, taking the audience on an incredible flight across the world on the wings of birds. Revolutionary aerial techniques and state-of-the-art 3D cameras deliver the reality of flying right alongside the birds as we join a variety of different species on their seasonal journeys. As we fly with the birds on their migrations, they take us to some of the greatest sights and animal events on earth. Great white sharks spectacularly leap so close you could touch them, snow geese dash through Monument Valley and New York City with wing tips coming right out of the screen, and vultures soar miles above the earth then dive down to huge wildebeest herds below. It's a thrilling experience as the audience is plunged into the center of the flock. *Earthflight* travels deeper into the action than ever before.

EXTREME WEATHER

Presented in 2D

RELEASE: October 15, 2016

FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital

LENGTH: 40:00

PRODUCER: National Geographic and producers

Jen Casey and Sean Casey

DISTRIBUTOR: National Geographic

CONTACT: Antonietta Monteleone, amontele@ngs.org

Extreme Weather comes to us from famed storm chaser and award-winning giant screen filmmaker Sean Casey. This dramatic and exciting film will take us where few have gone before, to the edge of 300-foot-tall calving glaciers in Alaska, on the front lines of massive wildfires in the West, and directly in the path of deadly, yet mesmerizing tornadoes in the plains. We also follow the men and women on the forefront of climate research, and the everyday heroes who put their lives on the line to help us understand and adapt to our ever-changing weather.

ICARUS' REVENGE

Presented in 3D

RELEASE: Spring 2017

FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-Compliant Digital, Dome-customized 15/70

LENGTH: 40:00

PRODUCER: N3D Land Productions

DISTRIBUTOR: nWave Pictures Distribution

CONTACT: Janine Baker, jbakern@nwave.com

In 2016, Solar Impulse 2 will be the first solar airplane to complete a round-the-world trip powered by nothing but the sun. But Solar Impulse is above all a symbol of how pioneering spirit, innovation and sustainable energies can change the world. Articulating narration around the Solar Impulse flight and using multiple cinematographic techniques, *Icarus' Revenge* will show what made this journey possible: the adventurous Piccard family and both the technological and human achievements of the Solar Impulse team. But it will give a greater focus on sustainable energies, for audiences of all ages worldwide to discover and understand what are the energetic issues our planet is facing today and the solutions lying ahead. Exploring science, technology and human values, the film will educate and appeal to all for many years, and will show that there is hope in making the world a better place.

INDEPENDENCE DAY: RESURGENCE

Presented in 3D

RELEASE: June 24, 2016

FORMATS: 3D, IMAX Digital, IMAX Laser

LENGTH: To be announced

PRODUCER/DISTRIBUTOR: 20th Century Fox

CONTACT: Gina Glen, gglen@imax.com

We always knew they were coming back. After *Independence Day* redefined the event movie genre, the next epic chapter delivers global catastrophe on an unimaginable scale. Using recovered alien technology, the nations of Earth have collaborated on

an immense defense program to protect the planet. But nothing can prepare us for the aliens' advanced and unprecedented force. Only the ingenuity of a few brave men and women can bring our world back from the brink of extinction.

THE JUNGLE BOOK

Presented in 3D

RELEASE: April 15, 2016

FORMATS: 3D, IMAX Digital, IMAX Laser

LENGTH: To be announced

PRODUCER: Walt Disney Studios, Fairview

Entertainment and Moving Picture Company

DISTRIBUTOR: Walt Disney Studios

CONTACT: Gina Glen, gglen@imax.com

Directed by Jon Favreau (*Chef*, *Iron Man*, *Elf*), based on Rudyard Kipling's timeless stories and inspired by Disney's classic animated film, *The Jungle Book* is an all-new live-action epic adventure about Mowgli (newcomer Neel Sethi), a man-cub who's been raised by a family of wolves. But Mowgli finds he is no longer welcome in the jungle when fearsome tiger Shere Khan (voice of Idris Elba), who bears the scars of Man, promises to eliminate what he sees as a threat. Urged to abandon the only home he's ever known, Mowgli embarks on a captivating journey of self-discovery, guided by panther-turned-stern mentor Bagheera (voice of Ben Kingsley), and the free-spirited bear Baloo (voice of Bill Murray). Along the way, Mowgli encounters jungle creatures who don't exactly have his best interests at heart, including Kaa (voice of Scarlett Johansson), a python whose seductive voice and gaze hypnotizes the man-cub, and the smooth-talking King Louie (voice of Christopher Walken), who tries to coerce Mowgli into giving up the secret to the elusive and deadly red flower: fire. The all-star cast also includes Lupita Nyong'o as the voice of the fiercely protective mother wolf Raksha, and Giancarlo

FILMS IN PRODUCTION

Esposito as the voice of wolf pack's alpha male Akela. *The Jungle Book* seamlessly blends live-action with photorealistic CGI animals and environments, using up-to-the-minute technology and storytelling techniques to immerse audiences in an enchanting and lush world.

MYSTERIES OF ANCIENT CHINA

Presented in 2D

RELEASE: October 2016

FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70

LENGTH: 40:00 and 20:00

PRODUCER: Giant Screen Films and Top Production China

DISTRIBUTOR: Giant Screen Films

CONTACT: Tom Rooney, trooney@gsfilms.com

Mysteries of Ancient China captures one of the great archaeological events in modern times, telling the story of ancient China, the First Emperor, and the literal foundation of the China we know today. Starting with modern China and springing back as we seek the birth of this mighty nation, we talk of an ancient time when a fierce warrior brought together a warring nation, and how an accidental discovery changed everything we know about China's past. It happened in 1974, when farmers, digging a well in Xi'an, stumbled upon one of the greatest archaeological finds the world had ever discovered—the Terracotta Warriors and the Tomb of the First Emperor. The Terracotta Warriors offer a unique time capsule into the past, revealing many things about the very founding of this great country, which we use to tell a larger story of the growth of China into a true superpower. From modern China, to ancient China, and back again, the film is a visual adventure, using beautiful aerial photography and cutting-edge time-lapse techniques to reveal great majesty, tragedy, splendor and growth, in a nation that continues to excel quickly into the future.

ON A LONG BREATH

Presented in 3D

RELEASE: June 2016

FORMATS: 2D and 3D, DCI-compliant Digital

LENGTH: 53:00

PRODUCER/DISTRIBUTOR: 3DLIZED

CONTACT: Philippe Gerard, philippe@3dlized.com

Six Oceans, Six Minutes, Free diving at all costs... oxygen is overrated. 6 minutes without breath, slipping below to frolic with sperm whales, swim in tandem with a giant moray eel, and glide fearlessly with shark predators. World Champion free-diver Pierre Frola experiences that and more in this captivating underwater adventure and invites you along for the journey. This film will be available for DCI 3D-compliant theater in a long version, and a shorter version of 10 to 12 minutes will be particularly impacting for 4D experience.

THE PILOT

Presented in 2D

RELEASE: Late 2016/Early 2017

FORMATS: 2D, IMAX Digital, IMAX Laser,

DCI-compliant Digital

LENGTH: 1:45:00

PRODUCER/DISTRIBUTOR: CineData, Inc.

CONTACT: John Ramos, john@hyraxfilms.com

A docu-dramedy that tells the true story behind TV's original cult show: *Star Trek*. Gene Roddenberry struggles to keep his family together and his mistresses happy while trying to produce the most ambitious TV pilot in history at Lucille Ball's antiquated sitcom studio—all set against the backdrop of the Sexual Revolution, the Space Race and escalating racial tensions in 1960s Los Angeles. A narrative feature film.

PONDEMONIUM

Presented in 2D

RELEASE: January 2017

FORMATS: 3D, DCI-compliant Digital

LENGTH: 40:00

PRODUCER: Arise Media and Archipelago Films

CONTACT: Susan Todd, susan@archipelagofilms.com

Pondemonium is a 40-minute giant screen film and companion study guide about the hidden wilderness that exists right in our own backyards. Set in a typical suburban home and neighboring wetland, it is an entertaining story that reveals the great web of life that surrounds and sustains us, but which many have forgotten how to see. The film follows a cast of common but secretive creatures, including raccoons, deer, frogs, salamanders, coyotes and a variety of birds and insects. You'll also meet Katie, a ten-year-old screen-obsessed girl who learns to see beyond the glow of her iPad to the wonders of nature around her. Produced by Academy Award-nominated filmmakers Andrew Young and Susan Todd, *Pondemonium* will be a stunning visual spectacle that reveals the treasures that await when we take the time to stop, look and listen to the natural world.

PONO: THE SECRET OF HAWAII

Presented in 3D

RELEASE: December 2016

FORMATS: 2D and 3D, IMAX Digital, DCI-compliant Digital

LENGTH: 45:00

PRODUCER: Happy Planet Productions

DISTRIBUTOR: To be determined

CONTACT: Richard W. Kroon, richardhappyplanetproductions.com

While the best engineers of other civilizations learned to build colossal structures, ancient Hawaiians had another mission: They needed to find ways to survive without trade or travel, with few resources on tiny islands. So they became the first sustainability engineers. Their

concept of balance between humans and nature, called Pono, allowed them to thrive for over 1500 years. They developed devices and ways to feed themselves while helping land and sea thrive as well. Modern ways have threatened that way of life. Industrial farming and over-development have put Hawaii out of balance. But today, a new generation of Hawaiians is determined to bring Pono back, by combining ancient knowledge and new scientific methods, to ensure Hawaii's future. *Pono: The Secret of Hawaii* is their story. Narrated by "Uncle" Earl Kamakaonaona, and featuring five unique initiatives on three islands, the movie balances learning, stunning landscapes and inspiration to take action. The film is one of the first captured and processed for the new digital specs of laser projection and 12.1 audio. Its native color and dynamic range exceed even the new REC 2020 specs and it has native 12-channel "3D soundscape" capture to provide an unsurpassed level of realism.

PREDATORS

Presented in 2D

RELEASE: December 2016

FORMATS: 2D and 3D, IMAX Digital, IMAX Laser, DCI-compliant Digital,

LENGTH: 40:00 and 20:00

PRODUCER: Silverback Films and BBC Earth

DISTRIBUTOR: BBC Earth and Giant Screen Films

CONTACT: Tom Rooney, trooney@gsfilms.com

Predators deconstructs the world of major predators as never before, taking an intimate look at the remarkable strategies they use to succeed. Advanced filming techniques expose the planet's top predators in extraordinary footage, putting the audience right beside them as they hunt—on land, under the sea or in the air. Far from a film about the kill, instead the audience will be emotionally engaged with the key characters, learning how these

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supreme species must be at the very peak of performance to have any chance of success. Their backstory will be a key part of the narrative; to understand a cheetah's dilemma you must meet her hungry cubs and realize hyenas are her deadly enemy. Top predators occupy an apex position within the habitats they dominate and, alongside dramatic animal behavior, *Predators* reveals the unique relationship between predators and prey as a fundamental building block of ecology.

SOAR

Presented in 2D

RELEASE: Fall 2017

FORMATS: 2D and 3D, IMAX Digital, DCI-compliant Digital, Dome-customized 15/70

LENGTH: 40:00

PRODUCER: RPG Productions, plus producers Jen Casey and Rick Gordon

DISTRIBUTOR: To be determined

CONTACT: Rick Gordon, rgordon@rpgproductions.com

Soar puts the audience in the cockpit of a high performance sailplane and takes them to places they've never been—in aircraft that are powered only by the energy of the atmosphere. *Soar* follows three stories: Lizzy Roberts, a young pilot who wants to solo on her 14th birthday as part of her quest to become a jet pilot; Jim Payne and the Perlan Project, who are building a craft to fly to 90,000', the edge of space, for scientific and atmospheric research, using the mountain wave and Polar Vortex phenomena to soar to a height never before attained by winged aircraft, all without the aid of engines; and Sebastian Kawa, a Polish glider pilot and 9-time World Glider Champion, as he trains in the European Alps for an attempt to regain his title in the 2016 World Championships in South Africa. Both science and human experience come alive in an exhilarating, immersive experience.

VIRUS LEGION

Presented in 2D

RELEASE: March 15, 2016

FORMATS: 2D, DCI-compatible Digital

LENGTH: 1:40:00

PRODUCER/DISTRIBUTOR: Joyversal Media Group
CONTACT: Guosheng Ming, minggsh@gmail.com

A brutal war that lasted three billion years. This is a war between humans and viruses. They are the Virus Legion. How many lives have been destroyed by viruses? How many human lives were killed by viruses? Do you believe that the human body is the war battlefield? The microscopic world war is imminent. Who will be able to win the war? This is the first medical and health theme blockbuster movie in China.

VOYAGE OF TIME

Presented in 2D

RELEASE: Fall 2016

FORMATS: 2D, 15/70, IMAX Digital, IMAX Laser

LENGTH: 40:00

PRODUCER: Sycamore Pictures

DISTRIBUTOR: IMAX Corporation

CONTACT: Gina Glen, gglen@imax.com

A labor of love from acclaimed filmmaker Terrence Malick (*The Thin Red Line*, *The Tree of Life*) and over 30 years in the making, *Voyage of Time* is a celebration of life on earth and an inspirational journey from the Big Bang to the present and beyond. Science and spirit, birth and death, the grand cosmos and the minute life systems of our planet all come together in Malick's most original film to date.

WARCRAFT

Presented in 3D

RELEASE: June 10, 2016

FORMATS: 3D, IMAX Digital, IMAX Laser

LENGTH: To be announced

PRODUCER: Atlas Entertainment, Legendary Pictures, Blizzard Entertainment and Universal Pictures

DISTRIBUTOR: Universal Pictures

CONTACT: Gina Glen, gglen@imax.com

From Legendary Pictures and Universal Pictures comes *Warcraft*, an epic adventure of world-colliding conflict based on Blizzard Entertainment's global phenomenon. The peaceful realm of Azeroth stands on the brink of war and its civilization faces a fearsome race of invaders: Orc Warriors fleeing their dying home to colonize another. As a portal opens to connect the two worlds, one army faces destruction and the other faces extinction. From opposing sides, two heroes are set on a collision course that will decide the fate of their family, their people and their home. So begins a spectacular saga of power and sacrifice in which war has many faces, and everyone fights for something.

WILD FLIGHT 3D

Presented in 3D

RELEASE: September 2016

FORMATS: 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital

LENGTH: 38:24

PRODUCER: Colossus Productions

DISTRIBUTOR: Serengeti Entertainment

CONTACT: Melissa Williams, melissaw@atlanticproductions.co.uk

The ability to fly is one of the greatest miracles in the natural world. Millions of creatures soar above our heads today, using a fabulous variety of techniques to defy gravity and master their aerial environment. But how did animals make the incredible transition from land to air, over millions of years? What are the different bio-technologies and flight techniques that they have used to dominate a variety of niches? *Wild Flight 3D* uses the very latest science and stunning special effects to uncover the 300-million-year story of flight as never before—and it's not simply about birds. Using the most advanced 3D filming

technology we capture the beauty and excitement of the whole world of flying creatures, from the fastest predatory falcons to the most acrobatic of insects, night flyers like owls and bats, and the soaring and gliding specialists capable of travelling huge distances. Audiences will truly enter the amazing world of these remarkable animal aviators, and leave the theater both stunned by the spectacle and thrilled by the story of *Wild Flight*. There is the potential to lease a shorter version of this title.

A YEAR IN SPACE

Presented in 3D

RELEASE: 3rd Quarter 2016

FORMATS: 2D and 3D, DCI-compliant Digital, Fulldome Digital

LENGTH: 10:00

PRODUCER/DISTRIBUTOR: Tycho Brahe Planetarium
CONTACT: Peter Bak-Larsen, peter@tycho.dk

The short film *A Year in Space* looks at our planet from space. We look at how the Earth's rotation and axial tilt are the cause for day and night and the various seasons. Science has brought us an outpost in space, the International Space Station, where astronauts live and work, 400 km above the Earth. After a look at our own planet, we look at the Earth's position in our Solar System as one in 8 planets orbiting the Sun—our star! The planets vary in colour and size, but in the end the Sun dominates our place in the Universe. Without it we would not have life on our planet.

Big Nature! Big Reviews!



"Eye-popping footage"
—*The Los Angeles Times*

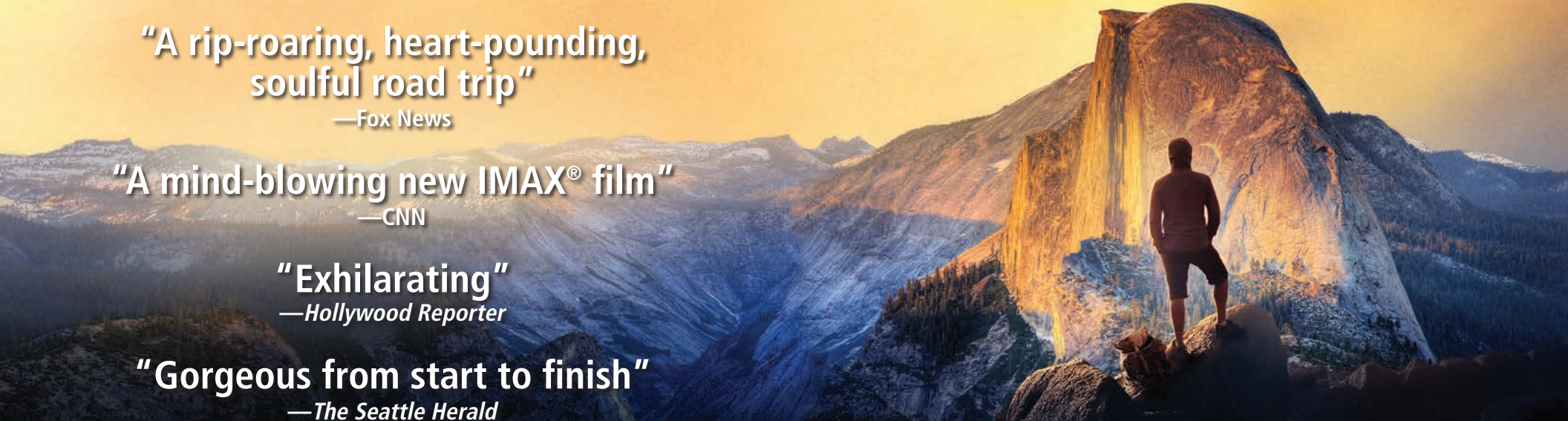
**"A rip-roaring, heart-pounding,
soulful road trip"**
—Fox News

"A mind-blowing new IMAX® film"
—CNN

"Exhilarating"
—*Hollywood Reporter*

"Gorgeous from start to finish"
—*The Seattle Herald*

MacGillivray Freeman's
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ADVENTURE**



NARRATED BY **ROBERT REDFORD**

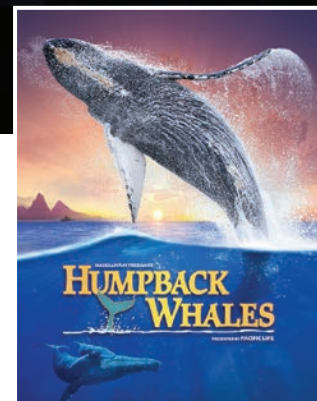
**COMING SOON!
SEPTEMBER 2016**

The Search for Life in Space explores a ground-breaking new brand of science—astrobiology. Join Lisa Kaltenegger of the Carl Sagan Institute on the search for new signs of life in the universe.

Produced by December Media.



COMING FEBRUARY 2017



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949 494 1055

PROJECTS IN DEVELOPMENT

AMAZON ADVENTURE

RELEASE: Spring 2017

FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital

LENGTH: 45:00

PRODUCER/DISTRIBUTOR: SK Films

CONTACT: Amber Hawtin, ahawtin@skfilms.ca

The exciting story of Henry Bates' fascinating 11-year journey through the perilous Amazon rainforest as a young man who risks his life for science. As in any great detective story, audiences will experience the compelling clues Bates unearths in his major discovery of the phenomenon of "Batesian" mimicry, whereby certain animals adopt the look of others and thus can deceive predators and prey—all unfolding in the visually stunning and biodiverse Amazon. Little known to the public, Bates made other crucial contributions to biology: identifying 8,000 species new to science and most importantly, putting forward the first ever case for speciation—the "chain of progression" from one species to another over time. This discovery turned out to be the "beautiful proof" for Natural Selection. Audiences will be wowed by the mind-boggling examples of mimicry and inspired by Bates' endless curiosity and determination to explore the wilds of the Amazon.

ANTARCTIC ENDURANCE

RELEASE: January 2019

FORMATS: 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital, VR

LENGTH: 40:00

PRODUCER/DISTRIBUTOR: Avatar Media Inc.

CONTACT: Jaro Malanowski, jaro@avatarmedia.ca

Through our quest to find the shooting locations of Frank Hurley's photos and films, we explore the life of adventure photographer for Sir Ernest Shackleton's expedition to Antarctica. We will immerse audiences into Hurley's journey of shipwreck, endurance, and hope. The eternal optimist, master photographer, and one of the earliest large format documentary filmmakers, he creates an exceptional record of one of the most incredible stories of human survival—where

the entire crew survived over two and a half years of being stranded in the beautiful, yet unforgiving and harsh Antarctic landscape. This scripted 3D giant screen film and VR story will place audiences on the ice with the *Endurance* expedition in the background through re-enactments of Hurley's POV, demonstrating tireless endeavors to document the daily lives of the crew. Watch remastered footage as Hurley turns the handle of his movie camera to show the everyday struggles which morph into the present day reality. Our expedition seeks the original locations to show how Antarctica has changed in the last 100 years through pressures of adventure tourism, international Antarctic treaties and climate change and show this in 3D and VR.

THE CELL WARS

RELEASE: December 25, 2016

FORMATS: 3D, DCI-compliant Digital

LENGTH: 15:00

PRODUCER/DISTRIBUTOR: Joyversal Media Group

CONTACT: Guosheng Ming, minggsh@gmail.com

The Cell Wars is a dynamic 4D movie that uses animation to tell the story of the battle of the virus and human health. All the animated characters in the film are designed according to the latest scientific facts and research results. The human body is like a small universe, and there are countless colorful cities in this small universe. There are many cell citizens and cell police who lived here. They maintain the body's health. But there is a group of virus monsters invading the city. A cell city wars will be coming. The story has ups and downs, is fascinating and very humorous, and uses 4D dynamic effects. The viewer will experience the threat of viruses and explore the magic of the microscopic world of cells. *The Cell Wars* will share with you surprise and joy!

COOL PLANET

RELEASE: 2018

FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital

LENGTH: 40:00 and 24:00

PRODUCER: K2 Films

DISTRIBUTOR: K2 Communications

CONTACT: Mark Kresser, mark_kresser@k2communications.com

Cool Planet is an immersive global journey that explores how science and technology together with a cultural renaissance is opening the door to a sustainable future in many of the world's most iconic mega-cities. The film will offer a practical vision for more livable cities that all people of all continents can connect with and be part of. We will showcase the human stories and real-world solutions that provide hope for a planet that can not only survive, but thrive for countless generations to come.

DOLPHIN QUEST

RELEASE: 2017

FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital

LENGTH: 40:00 and 24:00

PRODUCER: Montana Productions

DISTRIBUTOR: K2 Communications

CONTACT: Mark Kresser, mark_kresser@k2communications.com

In the blue waters of Cozumel Mexico, we are swimming side-by-side in the midst of a massive pod of dolphins. They are above below and beside us. We not only hear them, we also feel the rapid machine gun-like series of clicks as they echo locate. This is an adventure of understanding. How do dolphins visualize the world around them? For the first time ever, we will see in 3 dimensional images, the pictures formed by echolocation. At the forefront of this work is world-renowned dolphin communication researcher, Jack Kassewitz. *Dolphin Quest* will immerse us in their world as we move closer than ever before, to understanding the mind of this amazing creature of the sea and how they communicate.

GREAT BARRIER REEF

RELEASE: 2017

FORMATS: 2D, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70

LENGTH: 40:00

PRODUCER: December Media

DISTRIBUTOR: To be announced

CONTACT: Stephen Amezdroz, stephen@decembermedia.com.au

Put on your hat and pack the sunscreen. December Media invites you to come on down and see Australia's greatest natural wonder, the Great Barrier Reef. It's the pride of a nation, a marine sanctuary that teems with life above and below the water. Learn how this amazing sanctuary has survived for thousands of years and will continue to do so far into the future. Passion is a key to longevity and we want you to fall in love with Australia's amazing Great Barrier Reef.

IRON MAN

RELEASE: 2018

FORMATS: 2D and 3D, IMAX Digital, IMAX Laser

LENGTH: To be determined

PRODUCER: Wasserman Media

DISTRIBUTOR: IMAX Corporation

CONTACT: Gina Glen, gglen@imax.com

Embark on a 140-mile journey for the ultimate test of body, mind and spirit when the famous IRONMAN World Championship, arguably the most difficult one-day sporting event in the world, is brought to life on the IMAX screen. Against the backdrop of the Big Island of Hawaii, 2,000 athletes battle 45-mph crosswinds, 95-degree temperatures and a scorching sun through barren lava fields and along the Kona Coast. Experience the intensity, emotion and physical demands of this dramatic triathlon competition and discover how the mind is the most powerful element in the human body.

LIGHTSPEED PIONEERS: STRANDED ON MARS

RELEASE: 2017

FORMATS: 2D and 3D, IMAX Digital, DCI-compliant Digital, Fulldome Digital

LENGTH: 22:00

PRODUCER: No Final Frontier Productions

DISTRIBUTOR: BIG & Digital, Evans & Sutherland

CONTACT: Tina Ratteman, tratterman@biganddigital.com

LightSpeed Pioneers is an animated science-fiction, action-packed educational adventure set in a future golden age of commercial space exploration. Providing dynamic, STEM-focused curriculum targeting the 9-14 age demographic, the goal of the film is to

PROJECTS IN DEVELOPMENT

showcase a unique, educational and immersive experience that's all about Mars. Five members of the Centauri Squad and their dog will take audiences to explore the many obstacles and dangers currently impeding human exploration of the Martian surface and examine the technology it takes to make a trip to Mars possible.

MAXIMUM POWER

RELEASE: September 2017
 FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital
 LENGTH: 45:00
 PRODUCER: Masters Digital and 144 Productions
 DISTRIBUTOR: To be determined
 CONTACT: Tim Archer, tim@mastersdigital.com

What is electricity? How many people does it take to turn on a light bulb? How much energy does it take to do a Google search? Most significantly: Are we running out of energy sources? As demand for power is ever increasing, science is examining new power sources such as Solar, Geothermal, Wind and Biomass along with the more familiar Fossil Fuels, Hydro and Nuclear. *Maximum Power* explores the physics surrounding the science of electricity from electrons and amps to volts, watts and current. The audience is introduced to the founding fathers of electricity such as Benjamin Franklin, Thomas Edison, James Watt, Nikola Tesla and many more. *Maximum Power* will engage audiences through amazing visuals, awe-inspiring animation and spellbinding soundscapes. Through state-of-the-art immersive giant screen technology, audiences are taken on an electrifying journey of discovery. Electricity might seem mysterious but once you understand the science...the light goes on.

MOBY DUCK

RELEASE: 2018
 FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser
 LENGTH: To be determined
 PRODUCER: To be determined
 DISTRIBUTOR: IMAX Corporation
 CONTACT: Gina Glen, gglen@imax.com

After a huge storm batters a ship in the north Pacific, its cargo of thousands of rubber ducks is lost at sea. Years later, the ducks wash up on beaches in Alaska...and eventually around the world. The mysterious voyage of these ducks is the inspiration behind this whimsical and revealing scientific adventure. *Moby Duck* explores several interlocking threads such as how oceanic currents work, the effects of plastic on wildlife like fish and birds, and the phenomenon of gyres and the Great Pacific Garbage Patch. It's a story about inquiry and how something as simple and familiar as a rubber ducky can reveal natural mysteries as deep as the ocean itself.

OCEANS: THE BLUE PLANET

RELEASE: December 2018
 FORMATS: 2D and 3D, IMAX Digital, IMAX Laser, DCI-compliant Digital
 LENGTH: 40:00
 PRODUCER: BBC Earth
 DISTRIBUTOR: BBC Earth and Giant Screen Films
 CONTACT: Tom Rooney, trooney@gfilms.com

Oceans: The Blue Planet is an extraordinary journey of discovery and wonder, transporting the audience to the deep, mysterious worlds of our oceans. Packed with drama, awe and spectacle, we reveal untold stories of the ocean's most astonishing creatures in all-immersive 3D. The scientific community has made more discoveries within the last 10 years than the previous 100 years, expanding our frontiers of knowledge and revealing richer diversity than we could ever have imagined. From the freezing shores of the Arctic to the balmy waters of the tropics, we share these extraordinary new discoveries. Using revolutionary underwater and on-board filming technology, we'll dive into the giant void of the big blue, journey with a deep-sea current, and witness scenes of wonder from the greatest fishery on earth. In stunning 3D, *Oceans: The Blue Planet* takes the audience to magical worlds and delivers a connection to the ocean like never before.

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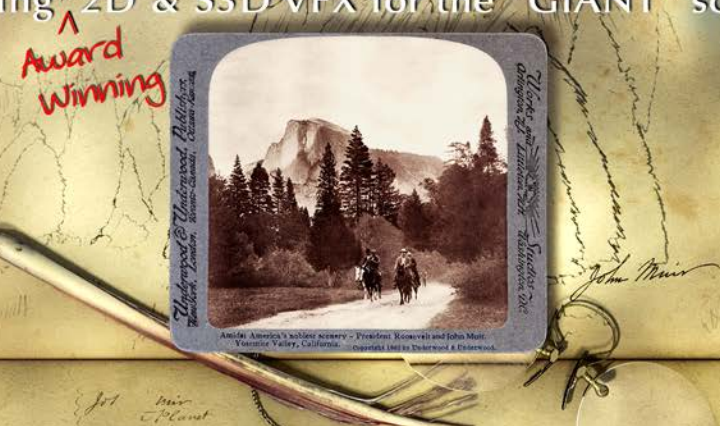


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Image from "NATIONAL PARKS ADVENTURE" © 2016 MacGillivray Freeman Films. All Rights Reserved

PROJECTS IN DEVELOPMENT

PANDAS

RELEASE: *Fall 2017*

FORMATS: *2D and 3D, 15/70, IMAX Digital, IMAX Laser*

LENGTH: *To be determined*

PRODUCER: *Panda Productions*

DISTRIBUTOR: *IMAX Corporation*

CONTACT: *Gina Glen, gglen@imax.com*

An independent wildlife biologist in rural New Hampshire becomes the unlikely key to solving one of the most pressing issues in conservation—saving the giant panda. For 25 years, Ben Kilham quietly raised orphaned black bears and returned them to the wild in the forests of New England. But his life takes on new meaning when a group of Chinese scientists discover his work and bring him to China to lead a bold new project preparing captive-bred panda cubs to leave their coddled world behind and set off on a wild adventure in the snowy mountains of Sichuan.

RETURN TO THE GREAT BARRIER REEF 3D

RELEASE: *September 2016*

FORMATS: *3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital*

LENGTH: *38:24*

PRODUCER: *Atlantic Productions*

DISTRIBUTOR: *Serengeti Entertainment*

CONTACT: *Melissa Williams,*

melissaw@atlanticproductions.co.uk

Sixty years after his first visit to the Great Barrier Reef, world-famous naturalist Sir David Attenborough has now returned. Travelling aboard the *Alucia*, a research vessel equipped with a submersible and the very latest exploration technology, he has the unique opportunity to unlock the secrets of the reef like never before. Groundbreaking filming techniques reveal this natural wonderland in a new light; from stunning satellite views and animation that strips the reef of water, to macro photography and night-vision showing the spectacular behavior of its wildlife. In this 3D giant screen adventure, see how the reef was born, rediscover animals you thought you knew and learn what we might do to protect it for generations to come. There is the potential to purchase a shorter version of this title.

SECRETS OF THE UNIVERSE

RELEASE: *2017*

FORMATS: *2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-*

customized 15/70, Fulldome Digital

LENGTH: *40:00 and 24:00*

PRODUCER: *The Stephen Low Company*

DISTRIBUTOR: *K2 Communications*

CONTACT: *Mark Kresser,*

mark_kresser@k2communications.com

Breakthrough advancements in technology are enabling never-before-possible scientific experimentation. These fascinating machines, such as the \$13 billion Large Hadron Collider in Geneva, Switzerland, provide an unprecedented pathway to answers surrounding the nature of our universe. Thousands of scientists, with a diversity of backgrounds and expertise, journey from all over the world to labs like CERN (the host of the LHC) and Fermilab (new host of ICARUS and the highly-anticipated DUNE project) now with a real hope of unlocking the secrets that have long eluded us. Dark matter, antimatter, extra dimensions, and more, join them as they push the boundaries of the possible, on the cusp of turning science fiction into science fact.

STAR

RELEASE: *2018*

FORMATS: *2D, IMAX Digital, IMAX Laser,*

DCI-compliant Digital, Dome-customized 15/70,

Fulldome Digital

LENGTH: *40:00*

PRODUCER: *Spring Garden Pictures*

DISTRIBUTOR: *To be determined*

CONTACT: *Richard Hoffman,*

rich@springgardenpictures.org

A sudden summer storm causes a massive blackout in the city, and wide-eyed children and adults see the shimmering stars for the first time. Without the buzz of noise and haze of light pollution, the brilliant night sky reveals itself. When the power returns, the stars vanish from view, but one boy can't shake his profound experience, and a sidewalk astronomer is born. Designed primarily for GS Domes and fulldomes, *Star* takes us on a journey of discovery that shines a light on our place in the Universe.

VOLCANOES: LAND OF FIRE

RELEASE: *2018*

FORMATS: *2D, IMAX Digital, IMAX Laser, Fulldome Digital*

LENGTH: *40:02*

PRODUCER/DISTRIBUTOR: *Digital Crossing Productions*

CONTACT: *Michael Dalton, michael@digitalcrossing.ca*

Volcanoes have buried towns and laid waste to civilizations. 550 volcanoes are active right now. Twenty erupt every day. Yet dozens of cities and more than 200 million people live near the danger zone. A greater understanding of how these forces

of nature operate is needed, desperately. Fortunately, in the last 50 years this understanding has started to emerge. In *Land of Fire* we will show the awesome power of nature and the brilliance that has unlocked its secrets. We will show how scientists learned the existence of a moving crust to unlocking proof of plate tectonics. We will take viewers on an incredible ride inside volcanoes as they erupt in nature's greatest show.

TRAILERS

ASTEROID: MISSION EXTREME

RELEASE: *April 15, 2016*

FORMATS: *2D and 3D, DCI-compliant Digital, Fulldome Digital*

LENGTH: *25:34*

PRODUCER: *National Geographic and Sky-Skan*

DISTRIBUTOR: *National Geographic*

CONTACT: *Antonietta Monteleone, amontele@ngs.org*

Asteroid: Mission Extreme takes audiences on an epic journey to discover the possibilities that asteroids present for space travel. Using stunning visuals and state-of-the-art computer graphics, the film presents the fascinating idea, based on real science, that asteroids could be used as stepping stones to other worlds, veritable "way stations" in space enabling us to cross the entire solar system. As with any venture in outer space, the challenges involved with making this idea a reality are enormous; however, a mission this extreme could ultimately lead us to learn how to protect our planet and how to successfully inhabit other worlds. Explore what it would take for astronauts to reach an asteroid and then tame it for our use, as well as how such an extraordinary adventure could benefit humankind, in *Asteroid: Mission Extreme*.

A BEAUTIFUL PLANET

RELEASE: *April 29, 2016*

FORMATS: *2D and 3D, 15/70, IMAX Digital, IMAX Laser*

LENGTH: *40:00*

PRODUCER/DISTRIBUTOR: *IMAX Corporation*

CONTACT: *Gina Glen, gglen@imax.com*

A Beautiful Planet is a breathtaking portrait of Earth from space, providing a unique perspective and increased understanding of our planet and galaxy as never seen before. Made in cooperation with the National Aeronautics and Space Administration (NASA), the film features stunning footage of our magnificent blue planet—and the effects humanity has had on it over time—captured by the astronauts aboard the International Space Station (ISS). From space, Earth blazes at night with the electric intensity of human expansion—a direct visualization of our changing world. But it is within our power to protect the planet. As we continue to explore and gain knowledge of our galaxy, we also develop a deeper connection to the place we all call home. From IMAX Entertainment and Toni Myers—the acclaimed filmmaker behind celebrated IMAX® documentaries *Blue Planet*, *Hubble 3D*, and *Space Station 3D*—*A Beautiful Planet* presents an awe-inspiring glimpse of Earth and a hopeful look into the future of humanity.

TRAILERS

HUMPBACK WHALES

RELEASE: February 13, 2015
FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital
LENGTH: 39:10
PRODUCER: MacGillivray Freeman Films
DISTRIBUTOR: MacGillivray Freeman Films Distribution Company
CONTACT: Bob Harman, bharman@macfreefilms.com

Narrated by two-time Golden Globe® nominee Ewan McGregor, *Humpback Whales* is an extraordinary journey into the mysterious world of one of nature's most awe-inspiring marine mammals. Set in the spectacular waters of Alaska, Hawaii and Tonga, this ocean adventure offers audiences an up-close look at how these whales communicate, sing, feed, play and take care of their young. Captured for the first time with IMAX® 3D cameras, and found in every ocean on earth, humpbacks were nearly driven to extinction 50 years ago, but today are making a slow but remarkable recovery. Join a team of researchers as they unlock the secrets of the humpback and find out why humpbacks are the most acrobatic of all whales, why they sing their haunting songs, and why these intelligent, 55-foot, 50-ton animals migrate up to 10,000 miles round-trip every year. A MacGillivray Freeman film presented by Pacific Life.

NATIONAL PARKS ADVENTURE

INTERNATIONAL TITLE: *America Wild: National Parks Adventure*
Presented in 3D
RELEASE: February 12, 2016
FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70, Fulldome Digital
LENGTH: 43:25
PRODUCER: MacGillivray Freeman Films
DISTRIBUTOR: MacGillivray Freeman Films Distribution Company
CONTACT: Bob Harman, bharman@macfreefilms.com

National Parks Adventure is an immersive giant-screen experience that takes audiences on the ultimate off-trail adventure into the pristine wilderness of America's great outdoors. Spectacularly wild and iconic places like Yosemite, Yellowstone, the Everglades,

Redwood, Canyonlands and more are illuminated as never before with IMAX® 3D camera imagery. Audiences will drop into the adventure with world-class mountaineer Conrad Anker, his son Alex Lowe, and friend Rachel Pohl as they mountain bike ride, ice climb, and river raft their way through the nation's mountains and canyons, then travel back in time to America's most famous camping trip where President Theodore Roosevelt and renowned conservationist John Muir imagined a vast National Parks system that would preserve these national treasures forever. Released to coincide with the 100th Anniversary of the U.S. National Parks, *National Parks Adventure* reveals a tapestry of natural wonders that will inspire the adventurer in us all."

WILD AFRICA

RELEASE: December 15, 2015
FORMATS: 2D and 3D, 15/70, IMAX Digital, IMAX Laser, DCI-compliant Digital, Dome-customized 15/70
LENGTH: 42:02 and 20:00
PRODUCER: BBC Earth in association with Evergreen Studios
DISTRIBUTOR: BBC Earth, Giant Screen Films, Reliance Entertainment and IM Global
CONTACT: Tom Rooney, trooney@gsfilms.com

Come with us on a spectacular 3D ride across, over, and through the magical realms of the most dramatic continent on earth: Africa. Our guide through this enchanted kingdom is the sorcerer itself—water. Water crafts *Wild Africa*, conjuring up life wherever it journeys...travelling above the plains on seasonal winds, cascading along raging rivers or sheltering coral cities. Audiences will be plunged into fantastic places and meet amazing creatures. On the journey through the magical realms of Africa, we'll discover the fascinating secrets of this enchanted kingdom. How spectacular volcanic lakes help turn thousands of flamingos pink, why the heat beating down on waterless dunes in the Namib Desert forces a lizard to dance; and why it snows on the equator. It's an adventure where you will truly believe the real world is more extraordinary and awe-inspiring than any fiction.



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SYMPOSIUM SESSIONS

WHAT BELONGS ON THE GIANT SCREEN?

Wednesday, March 9
8:00-9:30 am, AMC IMAX Theater

DEVELOPMENT: ECONOMIC REALITIES AND FUNDRAISING

Wednesday, March 9
10:00-11:30 am, Hilton Ballroom A

MODERATOR: *Paul Fraser, Blaze Digital Cinema Works*

This four-part session examines the business aspects of what goes into getting a giant screen film made, with plenty of time for Q&A.

Part 1: The GS Film Economic Model

Paul Fraser of Blaze Digital Cinema Works will present the current economic realities of financing a giant screen film and its potential return on investment, highlighting the need for (and potential amounts of) non-equity funds, high penetration of GS screens, and ancillary revenues.

Part 2: Quantifying What the Audience Wants

What are audiences looking for in giant screen film content? And how does this compare to giant screen theater programmers' preferences? In this segment Paul Fraser provides a brief review of the GSCA Audience Research Survey results and the GSCA Theater Programming Survey.

Part 3: Potential Film Funding Sources

A brief overview of National Science Foundation programs from Valentine Kass and the IMAX Documentary Film Fund from Di Roberts.

Part 4: The Real World of GS Film Financing

PRESENTERS: *Stephen Amezdroz, December Media; Jonathan Barker, SK Films; Pascal Vuong, N3D LAND Films*

Producers Stephen Amezdroz (*Hidden Universe*), Jonathan Barker (*Flight of the Butterflies*), and Pascal Vuong (*D-Day: Normandy 1944*) discuss how they got financing for their films and how those films achieved stakeholders' expectations. Our panelists will share financing structures (e.g.

equity vs. sponsorships/ grants vs. tax credits, etc.) and production budgets/ returns; describe how to involve theatres in the development process; and explain their approach to choosing a distributor if not self-distributing.

PREPRODUCTION: THE ANATOMY OF A GIANT SCREEN BUDGET

Wednesday, March 9
11:30 am-1:00 pm, Hilton Ballroom A

MODERATOR: *Kim Nickels, CPA*

PRESENTERS: *Jennifer Casey, JCP; Greg Eliason, Line Producer*

Producers will provide the anatomy of a giant screen film budget. They will discuss "above the line" costs on a high-level basis, and then each will drill down into the "below the line" costs for a recently completed film and typical giant screen films. They will focus on line items that are unique to producing a film made specifically for the dome or giant screen. A question and answer session will round out the session.

STORYTELLING: THE ART OF THE GIANT SCREEN

Wednesday, March 9
3:30-6:00 pm, Hilton Ballroom A

MODERATOR: *Diane Carlson, Pacific Science Center*

PANELISTS: *Peter Chang, Golden Gate 3D; Steve Judson, MacGillivray Freeman Films; Stephen Low, The Stephen Low Company; Wendy MacKeigan, SK Films*

What makes storytelling on the giant screen unique? How do various GS filmmakers approach structure, stakes, character, flow of ideas, and information. What works? What doesn't?

POSTPRODUCTION: CAPTURE AND AUDIO

Thursday, March 10,
8:00-11:00 am, AMC IMAX Theater
MODERATOR: *Michael Daut, Evans & Sutherland*

Digital Capture Experiments

A comparison of footage captured with various digital cameras during tests for the film *Tomorrowland*.

Sound Design

PRESENTER: *Brian Eimer, ImagesInSound*

Sound design is as important to the giant screen experience as the crisp visuals and stunning 3D. Presenter Brian Eimer would even be so bold as to say more important. The understanding of that, and what it means to create a giant screen soundtrack, is as important as the camera you use and the lens you put on it. Brian will discuss the layers and textures of sound design needed to create an immersive soundtrack for the giant screen, from the importance of location sound recordings, to designing and mixing for the new sound formats now available, including the ability to create for the new dimension of height. He will also talk about the importance of workflow and understanding the need to plan for the final delivery format in preproduction through to all the final deliverables.

Location Audio Recording for the Giant Screen

PRESENTER: *Tim Archer, Masters Digital*

Tim Archer will explore the technical and creative aspects of multi-channel location audio recording for the giant screen. He'll discuss and answer questions about the tools used and some tricks of the trade. Tim will also discuss the similarities and differences between location audio recording for the giant screen or recording for feature films and television.

IMAX 12.0 Immersive Sound System Demo

PRESENTER: *Cory Mandel, Technicolor Creative Services-Toronto*

Presenter Cory Mandel will look at the evolution of cinema sound from the days of silent film to the immersive sound formats of today, with special focus on the new IMAX 12-Channel Immersive Sound System, which he helped to design. He will explain some of the science and aesthetic rationale that went into the design of the new IMAX 12-channel sound format and how it differs from other immersive formats. He will then discuss some of the best ways to use the new immersive format to provide audiences

with uniquely immersive experiences. Cory will then present the very first 12.0 IMAX Immersive sound demo that was created as proof of concept for the new format.

CHRISTIE HIGH FRAME RATE DEMO

Thursday, March 10
1:00-2:00 pm, Sheraton East Ballroom

MODERATOR: *Michael Daut, Evans & Sutherland*

PRESENTERS: *Gord Harris, Christie Digital; Pierre Hughes Routhier, Creat3*

As camera manufacturers are pushing higher and higher spatial resolutions, the question of temporal resolution begs to be asked: Would the giant screen format benefit from more pixels in the frame, or from more frames per second? Models prove an increase in temporal resolution would be preferable, but as seeing is believing, this presentation will show the difference with actual footage. Gord Harris, Senior Program Manager-Research and Innovation at Christie Digital Systems, will present Christie's High Frame Rate solution, which projects an effective 4K120 image. Advanced imaging expert and cinematographer Pierre (Pete) Routhier will present footage showing split-screen comparisons between classic 4K capture at 24 fps and 120fps. There will also be a presentation of a full, high-action clip shot natively at 120fps to show the potential of high frame rate large screen presentations, as well as a split-screen comparison between native 24fps and down-converted 120fps to 24fps, to show how dual frame rate workflows can be achieved on future productions.

POST-PRODUCTION: THE DELIVERABLES

Thursday, March 10
2:00-3:00 pm, Sheraton East Ballroom

MODERATOR: *Andrew Oran, FotoKem*

Join us for an overview of the increasingly complex world of giant screen deliverables, which have expanded from the modicum of simplicity—1570 2D prints from 65mm negative—to encompass a dizzying array of multi-platform masters, of varying lengths,

customized for wildly differing digital and analog exhibition platforms: from 2D domes to 3D flat screens; from DCI standard projection to laser and high dynamic range (HDR) digital projection; from DVD to Blu-ray to 4K (Ultra HD) disc.

DISTRIBUTION AND MARKETING: YOUR FILM IS FINISHED...AND YOU THOUGHT YOU WERE DONE!

Thursday, March 10

3:00-4:30 pm, Sheraton East Ballroom

MODERATOR: *Andy Zarajsek, COSI*

PRESENTERS: *Joe DeAmicis, California Science Center; Tina Ratterman, BIG & Digital; Kate Storm, COSI; John Wickstrom, National Geographic Partners*

Production is just part of the giant screen filmmaking equation. For a film to be financially successful, you will need a marketing and distribution plan. In this session, distributors and theater operators

will outline the differences and similarities that lie between GS distribution and other distribution channels (TV, commercial theaters, direct streaming, etc.). How do distributors and theater operators work together to successfully market your film? What kind of terms do distributors and theaters expect? What services and marketing support do theaters expect distributors to provide? What are the pros and cons of distributors supplying multiple content versions, and what are the costs associated with providing them? What role do distributors play in providing ancillary educational materials, and what are the benefits of providing them? What are some high-impact, low-cost ways to market your film? This session will get to the heart of why distribution and marketing of giant screen films is a unique beast.



STEPHEN AMEZDROZ
*Producer/Head of Giant Screen,
December Media*

Stephen is responsible for the financing, development, and production of 3D giant screen films at December Media.

With over 35 years in the film industry, his producing experience ranges across features films, high-end international television documentaries, and giant screen. Stephen's financing experience covers international co-production treaties, product placement, in-kind investment, tax offsets, Federal and State agency funding, distribution guarantees, and advances to private investment. He was the producer of the immersive space adventure *Hidden Universe 3D* and will soon release his next giant screen film, *The Search for Life in Space 3D*.



TIM ARCHER
*Creative Director/Sound Designer,
Masters Digital*

As Creative Director of Masters Digital, Tim is involved with all aspects of the audio process, acting as

Multi-Channel Location Recordist, Sound Designer, and Re-Recording Mixer. For almost 30 years Tim has specialized in audio design for IMAX/giant screen films, documentary films, features, television, and themed attractions. Tim has received international recognition for his expertise in the sound design field, including MPSE "Golden Reel" Awards for giant screen film projects such as *Santa vs. the Snowman 3D* (O Entertainment), *The Human Body* (BBC Large Format), and *Pirates* (SimEx! Iwerks). He also shared the GSCA Sound Design Award for the location audio on *Tornado Alley* (Graphic Films). Other notable giant screen credits would include, *Bugs! 3D*, *Michael Jordan to the Max*, *Ride Around the World*, *India Kingdom of the Tiger*, and *Africa the Serengeti*. Tim is also Co-Producer and Sound Designer for the upcoming giant

screen production, *Just Listen* (w/t), an interactive theatre show about the science of sound and soundscape ecology.



JONATHAN BARKER
CEO, SK Films

Jonathan founded SK Films with Bob Kerr, co-founder of IMAX, where Jonathan previously ran the worldwide film business and as such was

responsible for the production and distribution of a wide range of films. Multiple award-winning giant screen titles in his filmography include acclaimed hits *Flight of the Butterflies*, *Bugs!* and *Into the Deep*. For over a decade, Jonathan was President/Co-CEO of Toronto's Shaftesbury Films, where he was jointly responsible for the company's phenomenal growth from a small feature film company into one of Canada's leading production companies. Amongst other roles, Jonathan is a former CEO of the Ontario Media Development Corporation. He began his film and television industry career as an entertainment lawyer and member of the bars of Ontario and California. He has served on numerous Boards and is a founding Director of the Giant Screen Cinema Association and a Director of Film Ontario.



DIANE CARLSON
*Vice President of Guest Services &
Theaters, Pacific Science Center*

Diane Carlson has been actively involved in many aspects of the field, including advising on film projects and consulting on theater operations and marketing. Her travels have included visiting over 100 IMAX® theaters on four continents. GSCA committee participation includes membership, marketing, and professional development. Her contributions to the annual conference programming include initiating and coordinating the Giant Screen 101 Workshop and Great Marketing Ideas. She is serving her second elected term on the GSCA board. The launch of the Boeing IMAX® theater

SYMPOSIUM PRESENTERS

that she led garnered a GSTA MAC theater launch award in 1999. She was honored in 2012 with an IMAX Founders Award and in 2013 with a GSCA Big Shoe award. She attended the University of California at Berkeley earning a Bachelors of Science degree in zoology and a Masters of Public Health.



JENNIFER CASEY

Producer, JCP

Jen Casey is a TV and giant screen film producer based in Los Angeles. She began her career directing and producing professional theatre. After receiving a Bachelor's Degree in Dramatic Art from UC Santa Barbara and a Master's Degree in Shakespearean Directing from California State University at Long Beach, she served as Artistic Director of Shakespeare Santa Barbara, an award-winning regional theatre company, for eight years. In the giant screen realm, she is currently producing *Extreme Weather* with National Geographic, which will be released in October of 2016, and *Soar* with RPG Productions, with a projected release date of Summer 2017. She is also currently producing a series of 4k videos for Panasonic to market their new Varicam 4k camera and the GH4 camera. Past giant screen credits include *Tornado Alley* with Giant Screen Films and Graphic Films, and *Forces of Nature* with National Geographic and Graphic Films. She has developed TV projects with such production companies as Discovery Studios, Original Productions, Original Media, Undertow Films, The Jackal Group and Atlas Media Corp, and she is currently developing a series for Discovery Channel.



PETER CHANG

*Director/Producer/
Cinematographer, Golden Gate 3D*

Peter H. Chang is an award-winning director, producer, and cinematographer based in San Francisco, California. A pioneer in the use of 7K 3D motion-control time-lapse capture

systems, his work for the giant screen includes *Jerusalem*, winner of the GSCA Award for Best Cinematography and Best Film; *Panama: A Land Divided, a World United 3D*; and *National Parks Adventure*. His film *Deus Ex Homine* was awarded Nvidia's Best 3D Video and is featured on NBC Universal's *Best of 3D* blu-ray. His work is featured in the landmark HBO documentary series *The Weight of the Nation* and the music video for Coldplay's "Midnight" which launched their *Ghost Stories* album and tour. Peter produced, directed, and shot the film *San Francisco Flow* for Samsung and the television series *Lightscares* for Discovery. He is currently in production on the giant screen film *Cuba*.



MICHAEL DAUT

*Director of Show Production/
Marketing, Evans & Sutherland*

Michael has a passion for immersive media and is an award-winning writer, producer, and director for full-dome videos, theatrical productions, music videos, live concert videos, commercials, documentaries, corporate videos, and trade show presentations. Since 1999 he has served as the Director of Show Production/Marketing at Evans & Sutherland, developing a library of shows for the digital full-dome community. He created the world's first digital full-dome film for SIGGRAPH '99 in Los Angeles. He also helped create the world's first digital full-dome transfer of a giant screen film, *Africa the Serengeti* in 2007. As a result of this groundbreaking first step, there are now over 50 films that have been converted to full-dome. Michael is a member of the Producer's Guild of America, a founding member of the Association of Full-dome Innovators, a member of the Telly Awards' Silver Council, a board member of the Giant Screen Cinema Association, and a board member of IMERSA.org, the Immersive Media Entertainment, Research, Science and Arts organization dedicated to raising the visibility of immersive media across a variety of disciplines throughout the world.



JOE DEAMICIS

*Vice President of Marketing,
California Science Center*

Joe is a 23-year industry veteran at the California Science Center, which only goes to prove you can fool some of the people all of the time. He was originally hired as the Director of the IMAX Theater at the old California Museum of Science and Industry in 1992, before the institution was re-launched in 1998 as the California Science Center with a new IMAX 3D Theater. At that point his role transitioned to VP of Marketing for the Science Center. In other words, they thought better of leaving him with the keys to the concession stand. Over the course of his career he has witnessed the many changes affecting the industry and seen the theater's IMAX annual attendance roller coaster from a low of about 300,000 to a high of 600,000. He is responsible for film programming, lease negotiations and marketing.



BRIAN EIMER

*Senior Sound Designer/President,
ImagesInSound*

Brian Eimer has been an award-winning sound designer, re-recording mixer, and sound supervisor for over 20 years and is very passionate about creating the immersive soundtracks for large format films. He prides himself on treating each project with the uniqueness that the story and format deserves. His creativity and dedication to each project have won him recognition from his peers in the form of two Best Sound Design Awards from the Giant Screen Cinema Association for the films *Wild Ocean 3D* and *The Last Reef*, and three Golden Reel awards from the Motion Picture Sound Editors in Los Angeles for *The Human Body*, *Pirates*, and *Santa vs. The Snowman 3D*. This year he's received three Golden Reel best sound nominations for National Geographic's *Robots 3D*, K2 Communications' *Journey to Space*, and Prana Studios' *Alien Attack*.



GREG ELIASON

Line Producer

Greg Eliason has over 20 years experience as a producer, line producer, and production manager in the field of large-format production and has worked with crews ranging from 5 to 150 in 18 different countries all across the United States. His credits as line producer include *Mummies: Secrets of the Pharaohs*, *Ride Around the World*, and *Forces of Nature*. He was the production manager on *Alaska: Spirit of the Wild* and *Amazing Journeys*, and the natural history producer for *The Tree of Life*. He is currently in production on a large-format project that is shooting in Japan, The Bahamas, Tanzania, South Africa, Namibia, Dubai, India, Socotra, China, Sweden, as well as here in the U.S. He also served as the line producer on the forthcoming Terrence Malick release, *Voyage of Time*. And, though he lived and worked here in Los Angeles for 15 years, Greg remains a steadfast San Francisco fan. Go Giants.



PAUL FRASER

*Founder/President, Blaze Digital
Cinema Works, LLC*

Blaze Digital Cinema Works, LLC, is a consulting and project management firm specializing in business development and planning for digital cinema, in all the forms it can take—flat screen and dome, 2D/3D/4D—for museum and commercial sectors, and all functions—exhibition, production and distribution. One of Blaze Digital's specialties is guiding museum-theater clients, as an owner's rep, through business planning for, and ultimately the acquisition of, a new digital projection system. Blaze also helps develop films through planning and executive production services and handles content licensing assignments. Content projects include developing 360° video and virtual reality projects that are companions to GS films.

SYMPOSIUM PRESENTERS

Paul has held newly created positions and C-level roles, whose mandates were to develop a new business. Between 1986 and 2000, Paul led giant screen theater and film divisions at IMAX Corporation and Ogdan Entertainment. Paul acquired a strategic marketing acumen from his early-career work in brand management at Procter & Gamble. He has a Bachelor of Commerce degree from Queen's University in Canada. See www.blazedigitalcinema.com.



CHRISTIAN FRY

Producer/Director, Pretend Entertainment

Christian co-wrote, produced, and directed the giant screen film *Air Racers 3D*, a co-production between his

company, Pretend Entertainment, and 3D Entertainment. It was widely released in giant screen theaters around the world in 2012. Christian's first and lifelong passion is for the ocean and her animals. During the late 90's, Christian joined The Whaleman Foundation in filming, editing, and producing environmental documentary films highlighting issues facing marine mammals and their habitats. In 2003 Christian produced the Whaleman Foundation's film *Deadly Sounds in the Silent World*, which won best short at the Jackson Hole Wildlife Film Festival. Christian is an instrument-rated private pilot and currently serves as the Vice President of the Santa Monica Airport Association assisting in their efforts to save the airport. He is also actively involved within the GSCA, serving on three committees and chairing a task force on production and post-production workflow.



GORD HARRIS

Senior Program Manager, Research and Innovation, Christie Digital - Canada

Gord loves physics and imaging and develops Christie

technologies for multi-channel camera and immersive displays. Recent work includes

GSCA 1x3 hi res test, an 11-channel interactive dome, SV1 spherical video simulator, Hayden planetarium, Collimated 3D, EGG Ellipsoidal 240 degree 3D display, Dual View Simulator, and work on several aviation simulators. Previously he worked as freelance R&D for clients like SLP, Big Films, Immersion Studios, and DALSA. Gord worked 24 years at IMAX as an engineering generalist in the science of mechanical, optical, and electronic systems. He founded the camera department under Bill Shaw, which designed and built over 20 camera systems, from high-speed to undersea and space. Later as Manager of Engineering, then R&D, he led the first digital team for film recording, scanning, and DMR. He developed the first R&D electronic projection system for IMAX and helped on many films, from Graeme and Toni's IMAX space series to *Everest* and *Titanic*. Gord developed new hardware like the IMAX Solido 3D LC glasses & projection system for Expo 90, the SANDDE stereo animation system, and 3D cameras. He lives on a horse farm in the sticks near Fergus, Ontario, with his amazing wife, Jeannie, occasional kids, and way too many animals.



STEVE JUDSON

Vice President of Film Production and Postproduction, MacGillivray Freeman Films

Steve landed at MacGillivray in 1982. After editing more than two dozen films for the

company over the past 30 years, Steve now prefers to pass along his giant screen editing experience to "younger editors with more brain cells." He has directed six of the company's films, co-directed others and has lent his screenwriting talents to ten films, including the Academy Award-nominated *Dolphins*. His skills as a producer, director and writer helped shape the company's smash hit *Everest* (which he also edited), for which he was voted into the Academy of Motion Picture Arts and Sciences. On every film, the central focus of his work is

always visual storytelling—making the films creative, engaging, eye-opening, informative, funny, musically compelling and visually breathtaking. Steve commutes "five long blocks" to the office, from the arts and crafts bungalow his neighbors call "the house that eBay built." He makes time for daydreaming (and coffee) every day.



DAVID KEIGHLEY

Chief Quality Officer and Executive Vice President, IMAX Corporation

A true veteran of the Company, Keighley provides a wealth of information about IMAX technology and history; he

ensures that quality is at the forefront of the IMAX brand. David Keighley began his career making IMAX films as producer of *Nomads of the Deep* when there was only one IMAX theatre in the world. In 1972 he co-founded and is the President, Emeritus, of IMAX POST/DKP Inc., an IMAX subsidiary since 1988. As Chief Quality Officer his office is responsible for liaising with departments across the Company to ensure quality standards are met or exceeded. Based in Los Angeles, he has been involved in the theatrical, film and digital large-format post-production of more than 450 films released in IMAX theatres worldwide over the past four decades. The newest initiatives include mastering content for the groundbreaking IMAX laser projection system. Keighley works closely with filmmakers such as Chris Nolan, James Cameron, JJ Abrams, Brad Bird and a host of IMAX documentary filmmakers to re-master their content using IMAX's DMR enhancement pipeline for the network of more than 980 IMAX theaters in 64 countries. Keighley's team has worked on blockbuster films that have included the *Batman/Dark Knight* trilogy, *AVATAR*, the *Harry Potter* series, *Polar Express*, *Spiderman*, *Transformers*, *Gravity*, *Guardians of the Galaxy*, the *Hobbit* trilogy (including HFR), *Interstellar*, *Jurassic World*, *Spectre* and *Star Wars: The Force Awakens*. Keighley is a

member of The Academy of Motion Picture Arts and Sciences, a SMPTE Fellow, the BKSTS, the American Society of Cinematographers Technology Committee, the Hollywood Post Alliance, and the Academy of Canadian Cinema and Television.



STEPHEN LOW

Director, The Stephen Low Company

Stephen Low is one of the most experienced filmmakers in the large format medium, bringing to his work a unique storytelling vision and an

understanding of the language, limitations, and tremendous possibilities of giant screen 2D and 3D cinema. Stephen never tackles the simple subjects. In working to push the visual and storytelling potential of the large format, this Montreal-based filmmaker has turned out more than 15 remarkable giant screen audience experiences, including *Rocky Mountain Express*, *The Ultimate Wave Tahiti*, *Super Speedway*, *Skyward*, *Beavers*, *Titanica*, and *Volcanoes of the Deep Sea*.



WENDY MACKEIGAN

Principal, SK Films

Wendy is one of Canada's most experienced and respected film executives with both a strong creative and business background. She is a

principal of SK Films and oversees creative development for the company. She is leading the writing team for SK's next major Giant Screen production, *Amazon Adventure 3D*, in partnership with the Howard Hughes Medical Institute and with major support from the U.S. National Science Foundation. She co-wrote the worldwide audience and critical hit *Flight of the Butterflies 3D*, was Senior Story Editor on the giant screen film *Journey to Mecca: In the Footsteps of Ibn Battuta*, and is the Producer of the award-winning eco-adventure series, *The Water Brothers*, broadcast in over 45 countries, including on Participant Media's PIVOT TV in the United States. She came to

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the giant screen industry from a 10-year position as Chair and CEO of one of Canada's largest feature film development and production financing companies.



CORY MANDEL

Supervisor-Sound Services, Technicolor Toronto

Cory is an award-winning re-recording mixer and music scoring mixer with over 25 years of experience. He mixed the Oscar-nominated IMAX film *Cosmic Voyage* and has been nominated for two Emmy awards, numerous IMAX Film and MPSE Golden Reel Awards, and won an IMAX Film Award for *Nascar 3D* and four MPSE Golden Reel Awards for the IMAX films *Nascar 3D*, *Deep Sea 3D*, *Sea Monsters*, and *Rocky Mountain Express*. Cory's resume also includes the IMAX documentary features *Hubble*, *Space Station*, *Super Speedway* and *Across the Sea of Time*, as well as IMAX DMR features such as *The Martian*, *The Hobbit*, *Transformers*, *Star Trek: Into Darkness*, and *Harry Potter*. Cory has played a key role in the evolution of IMAX sound, helping to develop IMAX PSE for documentaries and IMAX DMR for Hollywood titles. IMAX recently asked Cory to help with the design of their new IMAX Immersive 12.0 sound format, for which he has recently completed mixes of *The Avengers: Age of Ultron*, *Antman*, *Mission Impossible 5*, *Tomorrowland* and *Humpback Whales* and is currently in post-production on the 12.0 immersive mix for *A Beautiful Planet*.



KIM NICKELS

CPA

Kim is an accounting and finance professional with 25 years of experience. She is currently doing freelance accounting and finance work, including production accounting for Sean Casey and National Geographic's current

project *Extreme Weather* (working title). From 2008 through 2014, Kim was the VP of Finance and Operations for the Putnam Museum in Davenport, Iowa. She was a decision-making member of the museum's digital theater conversion task force and was responsible for programming of the giant screen theater, including content selection, contracting, ticket pricing and scheduling. Programming included traditional giant screen documentaries, current and repertory Hollywood content, cable TV/sporting events, concerts, local filmmaker events, kids' programming, and corporate presentations. Kim is a member of GSCA's Professional Development Committee and Research Task Force, and is Co-Chair of the Alternative Content Special Interest Group.



ANDREW ORAN

Vice President, Sales and Operations Large Format and Restoration, FotoKem

Andrew Oran serves as VP Sales & Operations for FotoKem's Large Format Group. Established in April 2004, the unit provides lab, video and digital services for 65mm and mixed format film projects. Current giant screen documentaries include *National Parks Adventure*, *Mysteries of Ancient China*, and *Carrier*. Recent feature films include *The Hateful Eight*, *Star Wars: The Force Awakens*, and *Interstellar*, as well as 4K restorations of classic 65mm features such as *My Fair Lady* and *Oklahoma!* Andrew's giant screen film experience dates back to 1994, when as Head of Production for IMAGICA USA he supervised optical effects and format conversions on over 100 giant screen films and special venue attractions. Andrew has served on the Board of Directors for GSCA, the Large Format Cinema Association (LFCA) and Euromax.



TINA RATTERMAN

Founder, BIG & Digital

Tina Ratterman started BIG & Digital after working at the Kentucky Science Center as Director of Marketing and PR (1997-2003) and where she programmed and marketed films for the IMAX Theater; and, after working at Giant Screen Films (2003-2009) as Director of Distribution and Marketing. She started BIG & Digital in 2009 to deliver unique films that inspire and leave a positive impact on audiences. BIG & Digital, now based in Las Vegas, Nevada, has a library of films including 15/70mm, 8K and 4K Digital, and FullDome formats. The content includes traditional educational documentaries as well as family and museum-friendly independent films and pre-school movies. Ratterman is a member of the Giant Screen Cinema Association (GSCA) and has won recognition for her work. She is a native of Louisville, Kentucky, and earned a Bachelor of Arts in Communications from the University of Louisville.



DI ROBERTS

Senior Production Executive

Di began her film career in the UK working on indie features and commercials. Her IMAX career began in 1990 with *Rolling Stones at the MAX*, the first IMAX concert film and the first 90-minute IMAX film. She then joined the IMAX Natural History Unit in Bristol, working with Christopher Parsons OBE and Sir David Attenborough and produced the Academy Award-nominated *Fires of Kuwait*, *Secrets Of Life on Earth*, and *Survival Island*, and has continued to be involved in the production of many A-list 2D and 3D IMAX titles, including *All Access*, *Wolves*, *Straight Up*, *Journey to Mecca*, *Born to be Wild*, and *Island of Lemurs: Madagascar*.



PIERRE HUGUES ROUTHIER, ENG., M.ENG.

President and CEO, Creat3 inc.

A former Technicolor executive with an aerospace engineering background, Pierre is an advanced imaging specialist who develops processes and standards to support film production and post-production, featuring Stereoscopic 3D, Ultra-High Definition, High Dynamic Range (HDR), Wide Color Gamut (WCG), High order Ambisonics (HoA), High Frame Rate (HFR), and wider color gamuts (WCG). He has worked on major motion pictures with the Walt Disney Studios, Warner Brothers, Sony Pictures, the BBC, Shanghai Film Group, Dimension Pictures, Lions Gate Films, and many other studios. He is currently directing his first IMAX 3D project, *Pono: The Secret of Hawaii*, while also working on other productions as cinematographer/advanced imaging specialist. He is also helping major studios develop production and postproduction workflows for ultra high definition and high dynamic range, as well as leading extensive research on high frame rate imagery. His research has been published and presented in some of the most prestigious publications and forums, including SMPTE, the Academy of Motion Pictures Arts and Sciences, IBC, the Sports Video Group, the European Broadcasting Union, the LF Examiner, the IEEE, the Video Services Forum and many others.



KATE STORM

Director of Theaters, COSI

Kate Storm is the Director of Theaters at The Center of Science and Industry (COSI) in Columbus, Ohio. She oversees programming and operations for the National Geographic Giant Screen Theater and COSI's Planetarium. In the exploration for alternative content, Ms. Storm has developed programs and partnerships with actors, artists,

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astronomers, filmmakers, religious leaders, and scientists. Ms. Storm holds a Bachelor's of Fine Arts degree in Media Studies from the Columbus College of Art and Design. She has presented at the annual conferences for the Association of Science and Technology Centers, the Visitor Studies Association, and the Ohio Museums Association.



PASCAL VUONG

Director, N3D LAND Films

Pascal Vuong has a degree in architecture from the Ecole des Beaux-Arts de Versailles. He lives near Paris and has three children. Mr. Vuong quickly developed a strong reputation as a director in his native France with his first short film, *The Invisible Man in Blind Love*. Produced entirely in CGI, it was awarded the Best Fiction Award at the annual Imagina Festival in Monaco in 1991. In 2004, he founded his own production company, N3D LAND, specializing in 3D documentary films. In 2010, he released his first 3D documentary film produced for giant screens: *Sea Rex: Journey to a Prehistoric World*. This award-winning film has enchanted more than 5 million viewers in 30 countries to date. *D-Day: Normandy 1944* is his second large format 3D documentary, released in 2014 for the 70th Anniversary of D-Day. The film has won six international awards in addition to four GSCA Achievement Awards in Toronto. In early 2015, he started to work on *Icarus' Revenge* (WT), devoted to the Solar Impulse adventure and Clean Energy Future.



JOHN WICKSTROM

Director of Sales, National Geographic Partners

Over the past 25 years, John Wickstrom has worked in all aspects of the industry. In exhibition at the Omnimax theater he has seen estar rain from the

sky, as two 2 prints broke at once, but also met all the astronauts that had been to the moon. As a distributor, he has distributed 49 films, including 3 IMAX Hall of fame winners. As Executive Producer for *Solarmax*, he carried "Bruce" the 15/70 camera on his lap rushing to the 5am sunrise shots in Hawaii. Tough duty, but someone had to do it. He has worked for the Museum of Science and Industry, nWave Pictures, and National Geographic, as well as consulting on numerous film and theater projects.



ANDY ZAKRAJSEK

Senior Vice President of Operations and Visitor Experiences, COSI

Andy's experience stretches across both not-for-profit and for-profit organizations. He is currently the SVP of Operations and Visitor Experiences at COSI, in Columbus, Ohio, and has been there for 3+ years. Previous museum experience includes Director of Guest Operations and Retail Businesses at Chicago's Museum of Science and Industry (MSI) for nearly 10 years. His current responsibilities at COSI include guest services and operations, Giant Screen Theater and Planetarium operations and management, exhibits (permanent and temporary including traveling exhibits owned by COSI), box office, call center, membership, marketing, public relations, food services and event management, and retail services. He and the COSI team recently upgraded the 385-seat National Geographic Giant Screen Theater to 4k digital and in November 2014 opened the newly renovated, digital fulldome/planetarium.

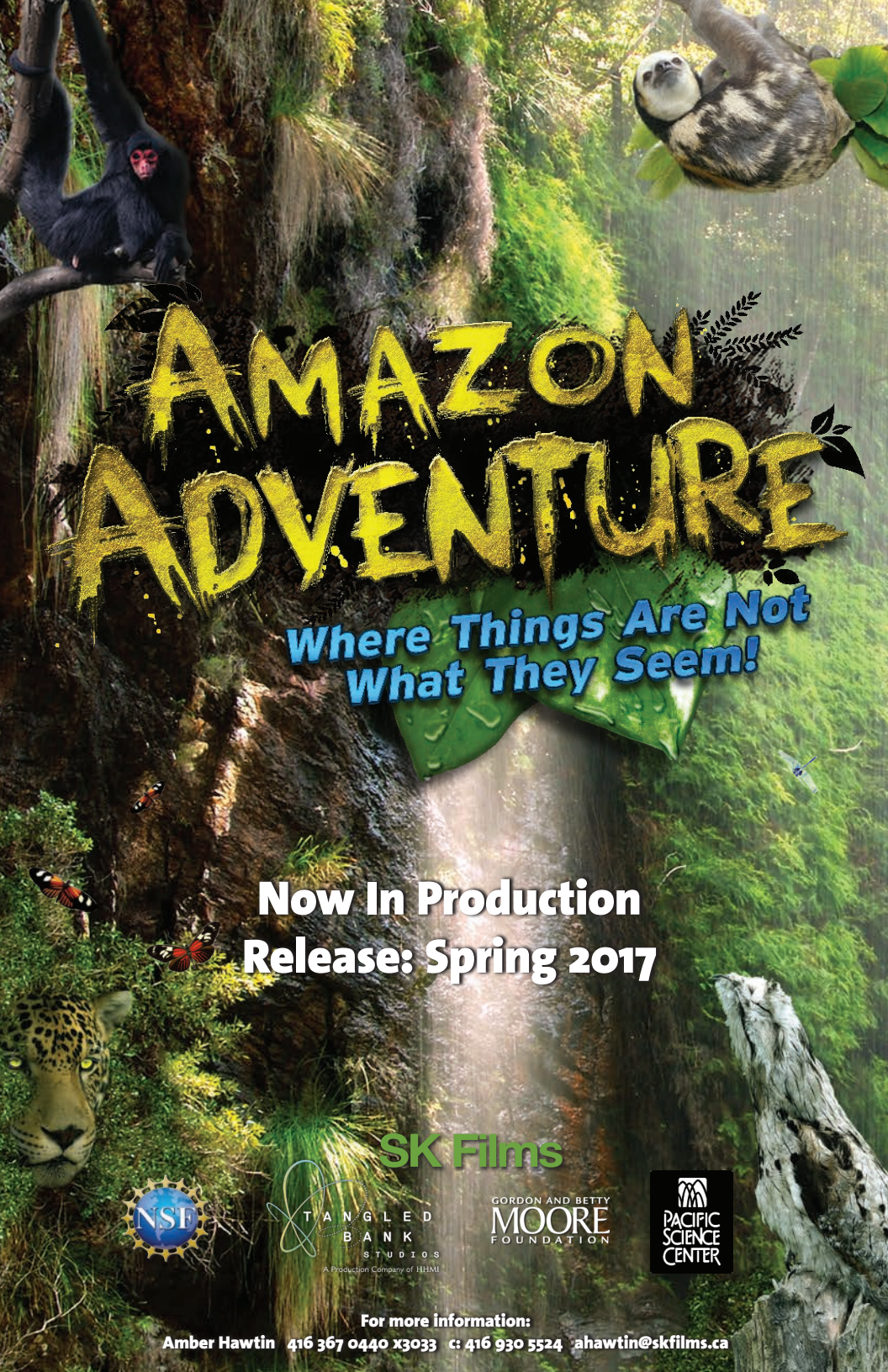
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