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CHRISTOPHER NOLAN

DIRECTOR OF 'INTERSTELLAR'



EVENT PROGRAM

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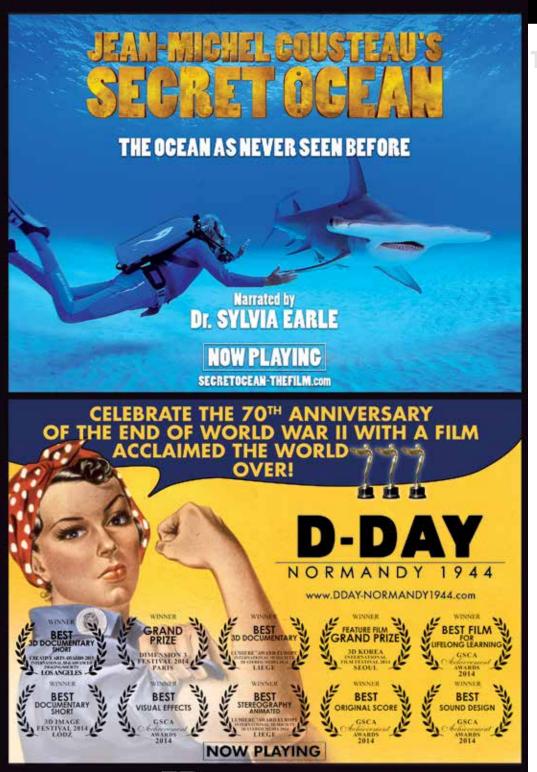


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ENTERTAINMENT

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Policies

Recording and Media Policies

Event 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 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 GIANTSCREENCINEMA.COM

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

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Film Expo

Sunday, March 8: Pre-Expo Day

TIME	EVENT	LOCATION
All Day	Rehearsals—refer to schedule available at GSCA registration desk or at giantscreencinema.com	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: Club Room
12:00 pm - 1:30 pm	GSCA Committee Meetings • Marketing and Member Services • Technical Committee • Professional Development Committee	Hilton: Mandarin B Hilton: Sierra Suite Hilton: Mandarin A
2:00 pm - 3:30 pm	GSCA Committee Meetings · Conference · Lifelong Learning	Hilton: Sierra Suite Hilton: Mandarin A
4:00 pm - 6:00 pm	Alternative Content Special Interest Group*	Hilton: Mandarin B
6:00 pm - 7:00 pm	Distributors Interest Group Meeting*	Hilton: Salon 5
6:00 pm - 8:00 pm	3D Film Interest Group*	Hilton: Sierra Suite

Monday, March 9: Film Expo Day 1

TIME	EVENT	LOCATION
	Breakfast on your own	
7:30 am	Walk to theater	
7:30 am - 5:00 pm	Registration and Information	AMC IMAX Theater
8:00 am - 8:15 am	Films in Production 15/70	AMC IMAX Theater
8:15 am - 9:15 am	Film 1: Jean-Michel Cousteau's Secret Ocean 3D (15/70 3D)	AMC IMAX Theater
9:15 am - 10:15 am	Film 2: Journey to Space (15/70 3D)	AMC IMAX Theater
10:15 am - 10:30 am	Break	AMC IMAX Theater
10:30 am - 11:30 am	Film 3: Humpback Whales (15/70 2D)	AMC IMAX Theater
11:30 am - 1:00 pm	Lunch on your own	AMC IMAX Theater
11:30 am - 1:00 pm	Research Task Force Lunch Meeting	TBD
1:00 pm - 2:00 pm	Film 4: Living in the Age of Airplanes (digital 2D)	AMC IMAX Theater
2:00 pm - 2:30 pm	Projects in Development Session	AMC IMAX Theater
2:30 pm - 4:30 pm	Films in Production Digital Session	AMC IMAX Theater

Monday, March 9: Film Expo Day 1 (continued)

TIME	EVENT	LOCATION
4:30 pm - 5:15 pm	Film 5: Museum Alive! (digital 3D)	AMC IMAX Theater
5:15 pm - 6:00 pm	Film 6: Dark Universe (digital 3D)	AMC IMAX Theater
6:00 pm	Dinner on your own	

Tuesday, March 10: Film Expo Day 2

TIME	EVENT	LOCATION
7:30 am - 9:30 am	Registration and Information	Hilton Ballroom A
8:00 am - 9:30 am	GSCA Member Meeting and Breakfast, sponsored by nWave Pictures Distribution	Hilton: Ballroom A
9:30 am	Walk to theater	
10:00 am - 5:30 pm	Registration and Information	AMC IMAX Theater
10:00 am - 10:30 am	Film 7: Galapagos 3D: Nature's Wonderland (digital 3D)	AMC IMAX Theater
10:30 am - 11:15 am	Film 8: Robots 3D (digital 3D)	AMC IMAX Theater
11:15 am - 12:00 pm	Film 9: Antarctica 3D: On the Edge (digital 3D)	AMC IMAX Theater
12:00 pm - 12:45 pm	Film 10: Walking with Dinosaurs: Prehistoric Planet 3D (digital 3D)	AMC IMAX Theater
12:45 pm - 2:00 pm	Lunch on your own	
2:00 pm - 2:30 pm	Film 11: Penguins 3D (digital 3D)	AMC IMAX Theater
2:30 pm - 3:15 pm	Film 12: Tiny Giants 3D (digital 3D)	AMC IMAX Theater
3:15 pm - 4:00 pm	Film 13: Antarctica's Penguin Emperors 3D (digital 3D)	AMC IMAX Theater
4:00 pm - 4:15 pm	Break	
4:15 pm - 5:00 pm	Film 14: Remnants (digital 2D)	AMC IMAX Theater
5:00 pm - 5:30 pm	Film 15: The Great Apes 3D (digital 3D)	AMC IMAX Theater
6:00 pm - 7:00 pm	GSCA Board Meeting	Hilton: Hiro
	Dinner on your own	
7:30 pm	GSCA cocktail party	Hilton

Filmmaker Symposium

Wednesday, March 11: Filmmaker Symposium Day 1

TIME	EVENT	LOCATION
7:30 am - 3:00 pm	Registration and Information	Hilton: Ballroom A
	Breakfast on your own	
8:30 am - 9:00 am	Welcome: Setting the Stage for the Filmmaker Symposium	Hilton: Ballroom A





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Wednesday, March 11: Filmmaker Symposium Day 1 (continued)

TIME	EVENT	LOCATION
9:00 am - 9:45 am	Mining the Data: Using Industry Research to Get Films Made and On Screens	Hilton: Ballroom A
9:45 am - 11:00 am	Mysteries of Programming Revealed	Hilton: Ballroom A
11:00 am - 11:15 am	Break	
11:15 am - 12:30 pm	The Business of Giant Screen Films Part One	Hilton: Ballroom A
12:30 pm - 2:00 pm	Lunch on your own	Hilton
2:00 pm - 3:30 pm	The Business of Giant Screen Films Part Two	Hilton: Ballroom A
3:30 pm - 4:00 pm	Walk to AMC IMAX Theater	
4:00 pm - 5:30 pm	Registration and Information	AMC IMAX Theater
4:00 pm - 5:30 pm	Storytelling: The Art of the Giant Screen	AMC IMAX Theater
6:00 pm - 8:00 pm	Field trip to FotoKem Cocktails and hors d'oeuvres, sponsored by FotoKem Tours of how the FotoKem lab works Buses leave from Hilton Ballroom Circle; continuous return service until 9pm	FotoKem is located at 2801 W. Alameda, Burbank

Thursday, March 12: Filmmaker Symposium Day 2

TIME	EVENT	LOCATION
	Breakfast on your own	
7:30 am - 8:00 am	Walk to Theater	
7:30 am - 11:00 am	Registration and Information	AMC IMAX Theater
8:00 am - 11:15 am	Giant Screen Filmmaking—Behind the Scenes: Bringing Back our Wide Shots (BBOWS): Post Treatment Filmout, Digital; Digital Capture Experiments for the Giant Screen; Audio: Recording, Mixing, Sound Design	AMC IMAX Theater
11:15 am - 11:40 am	Walk to Hotel	Hilton
11:40 am - 5:00 pm	Registration and Information	Hilton: Ballroom A
11:40 am - 1:00 pm	Giant Screen Filmmaking—Behind the Scenes: Production and Post-Production Workflow (P3W) Overview; Time-Lapse, Cameras, P3W Considerations; Cameras for the Giant Screen; Christie Presentation	Hilton: Ballroom A
1:00 pm - 3:00 pm	Mini Trade Show and Lunch	Hilton: Ballroom B
3:00 pm - 6:30 pm	Giant Screen Filmmaking—Behind the Scenes: Stereo 3D; The Post Environment (Mistika Presentation); Underwater 3D; Visual Effects for the Giant Screen; Final Q&A	Hilton: Ballroom A
6:30 pm	Dinner on your own	
8:00 pm	GSCA cocktail party	Hilton





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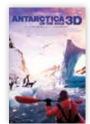


FotoKem 2801 W. Alameda Burbank, CA 91505 1-818-846-3102 Site of field trip on March 11





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Antarctica 3D: On the Edge

Presented in digital 3D RELEASE DATE: September 2014

AVAILABLE FORMATS: 2D and 3D, DCI-compliant Digital, IMAX Digital LENGTH: 36:15 and 20:00

(36:15 version will be screened at Film Expo) PRODUCER: Oceans 8 Films, DQBD Films and Giant Screen Films

DISTRIBUTOR: Giant Screen Films & D3D Cinema CONTACT: Tom Rooney, trooney@gsfilms.com

With a reputation as cold, forbidding, and remote, Antarctica can also be a fragile place, home to an incredible variety of life along its edges. Join National Geographic explorer Jon Bowermaster as he and his team travel along the continent's frozen coastline in Antarctica 3D: On the Edge. The adventurers explore by sea kayak, ice-worthy sailboat, and on foot to gain an up-close look and attempt to better understand just how the seventh continent is changing-and in some parts changing very fast-in part due to a warming ocean. Meet scientists and the wildlife they study up-close and learn about the history of exploration and the continent's future. From its place anchoring the bottom of the globe, Antarctica might seem too frozen to have any impact on the rest of the planet. But the very fact that it is constantly changing-the sea around it freezing and thawing every year-makes it the planet's beating heart, its rhythm intimately influencing the earth's weather, ocean currents, and climate.



Antarctica's Penguin Emperors 3D

Presented in digital 3D RELEASE DATE: May 1, 2014 AVAILABLE FORMATS: 2D and 3D, DCI-compliant Digital LENGTH: 40:00 and 20:00 (40:00 version will be screened at Film Expo)

PRODUCER: Passmore Lab **DISTRIBUTOR: K2 Communications** CONTACT: Mark Kresser,

mark_kresser@k2communications.com

This family-friendly film was shot on location in Antarctica, the southernmost region on the planet. The story follows a colony of Emperor Penguins as they emerge from the sea and begin their long march 60 miles inland during the cold winter. Presented in stunning 3D, this true-life tale will warm the hearts of audiences as they witness the hardships and sacrifices of these curious creatures in their fascinating triumph over the elements. Audiences will get a first-hand look at the animal inhabitants of Antarctica and the lives, rituals, and camaraderie of the Emperor Penguin.



Dark Universe

Presented in digital 3D RELEASE DATE: October 2014 AVAILABLE FORMATS: 3D. DCI-compliant Digital, Fulldome digital (2D) LENGTH: 25:15 PRODUCER/DISTRIBUTOR: American Museum of Natural History

CONTACT: Matt Heenan, mheenan@amnh.org

Rendered in 4k and released for the first time in 3D for giant screens, the American Museum of Natural History's latest space show Dark Universe celebrates the pivotal discoveries that have led us to greater knowledge of the structure and history of the universe-and to new frontiers for exploration. Narrated by Neil deGrasse Tyson, Dark Universe whisks audiences out of the Milky Way galaxy, drops them alongside a parachute descending through Jupiter's atmosphere, and brings them all the way to the afterglow of the Big Bang while revealing the breakthroughs that have led astronomers to confront two great cosmic mysteries: dark matter and dark energy. In stunningly detailed scenes based on authentic scientific data-including an astonishing look at our universe in 3D and innovative visualizations of unobservable dark matter—Dark Universe explores a new age of cosmic discovery and reveals the mysteries that have been brought to light so far. Dark Universe was released for fulldome digital display in November 2013, and was developed by the American Museum of Natural History, New York (www.amnh.org), in collaboration with the California

Academy of Sciences, San Francisco, and GOTO INC, Tokyo, Japan. Dark Universe is also available for fulldome digital planetarium display in 2D.



Galapagos 3D: Nature's **Wonderland**

Presented in digital 3D RELEASE DATE: February 7. 2014

AVAILABLE FORMATS: 2D and 3D, DCI-compliant Digital LENGTH: 22:22

PRODUCER: Atlantic Productions DISTRIBUTOR: nWave Pictures Distribution CONTACT: Janine Baker, Jennifer Lee Hackett, Goedele Gillis, sales@nwave.com

In the vastness of the Pacific Ocean, there is a paradise unlike any other: the Galapagos. Amongst these remote volcanic islands, life has played out over millions of years in relative isolation. The result is a wonderland of nature, with a remarkable collection of plants and charismatic animals that have all adapted to this unique environment. Meet giant half-ton tortoises and marine iguanas that spit sea-salt. Dance with the tropical albatrosses and hunt fishes with the colorful blue-footed boobies. Swim with tiny penguins thousands of miles away from their natural habitats. Narrated by Jeff Corwin, this is a story of discovery, of survival against the odds, and of nature's ingenuity, all brought to life in stunning 3D.



The Great Apes 3D

Presented in digital 3D RELEASE DATE: February 13, 2015

AVAILABLE FORMATS: 2D and 3D, DCI-compliant Digital LENGTH: 20:15 PRODUCER: VisionQuest Entertainment

DISTRIBUTOR: nWave Pictures Distribution CONTACT: Janine Baker, Jennifer Lee Hackett, Goedele Gillis, sales@nwave.com

nWave Pictures Distribution presents The Great Apes 3D, bringing us face to face with some of the world's rarest primates. Featuring chimpanzees, bonobos, orangutans, and the magnificent mountain gorillas, the film captures the emotional connection we all experience when encountering such extraordinary creatures. This is the mesmerizing odyssey of Holly Carroll, a passionate zoologist who explores the dense rainforests and remote jungles of Africa and Indonesia to study the lives of these intelligent and curious animals. Walking in the footsteps of her lifelong heroes, Dr. Dian Fossey and Dr. Jane Goodall, Holly also highlights some of the challenges the great apes face in their increasingly threatened habitats. A fascinating story of discovery and an unforgettable adventure.



Humpback Whales

Presented in 15/70 2D RELEASE DATE: February 13, 2015

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





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Jean-Michel **Cousteau's Secret** Ocean

Presented in 15/70 3D RELEASE DATE: March 2015 AVAILABLE FORMATS: 2D and 3D, 15/70, DCI-compliant Digital, IMAX Digital, Dome-customized 15/70 LENGTH: 42:00

PRODUCER: Ocean Futures Society, 3D

Entertainment Films

DISTRIBUTOR: 3D Entertainment Distribution CONTACT: François Mantello,

fmantello@3defilms.com

Narrated by renowned oceanographer Dr. Sylvia Earle, Jean-Michel Cousteau's Secret Ocean brings to large format screens a breakthrough look at a secret world within the ocean that is perhaps the biggest story of all—that the smallest life in the sea is the mightiest force on which we all depend. Alongside marine biologist Holly Lohuis, Jean-Michel Cousteau invites audiences to dive into this whole new world that will leave them in awe of the beauty and diversity of the oceans-the source of all life on our planet—and inspire an even stronger desire to protect what they have either seen for the first time or perhaps re-discovered along the journey.



Journey to Space

Presented in 15/70 3D RELEASE DATE: February 2015 AVAILABLE FORMATS: 2D and 3D. 15/70. DCI-compliant Digital, IMAX Digital, Dome-customized 15/70, Fulldome Digital LENGTH: 42:00 and 20:00

(42:00 version will be screened at Film Expo) PRODUCER/DISTRIBUTOR: K2 Communications and Giant Screen Films

CONTACT: Mark Kresser.

mark kresser@k2communications.com

Journey to Space celebrates space exploration and the international cooperation toward our future beyond Earth's orbit—a manned mission to Mars. The film is a capstone space film, chronicling the shuttle orbiter program, the International Space

Station, and the Hubble telescope, *Journey to* Space recognizes these accomplishments in the context of our future in space, what we've learned, and how to apply this knowledge to deep space missions. The film takes audiences behind the scenes of the international effort to send astronauts to Mars within the next 20 years, culminating in a virtual voyage to the Red Planet. Dazzling computer imagery depicts the new machines, spacecraft, and landers necessary for interplanetary travel and colonization. This film is about the next chapter, a vision certain to inspire young explorers and dreamers. It is time to take the next great leap into space, to set sail across the cosmic ocean. Next stop...Mars! Available in all 2D and 3D formats, 20-minute version available version in May 2015. Presented by Toyota and Boeing, produced by K2 Communications and Giant Screen Films in association with the Giant Dome Theater Consortium. Additional production support by The Smithsonian Institute, The Kennedy Space Center, the California Science Center and NASA.



Living in the Age of Airplanes

Presented in digital 2D RELEASE DATE: April 10, 2015

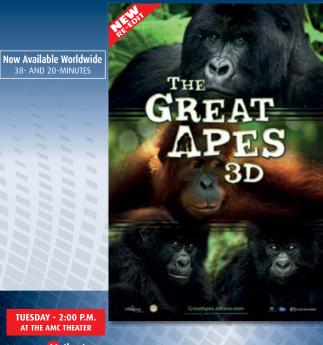
AVAILABLE FORMATS: 2D. 15/70, DCI-compliant Digital. IMAX Digital. Dome-customized 15/70

LENGTH: 47:00

PRODUCER: Terwilliger Productions **DISTRIBUTOR: National Geographic Studios** CONTACT: Mark Katz, mkatz@ngs.org

Living in the Age of Airplanes is a story about how the airplane has changed the world. Filmed in 18 countries across all 7 continents. it renews our appreciation for one of the most extraordinary and awe-inspiring aspects of the modern world. The film is produced and directed by Brian J. Terwilliger (One Six Right). narrated by Harrison Ford, and features an original score by Academy Award-winning composer James Horner.

World Premiere February 2015 at the Liberty Science Center



SPECIAL SCREENING IN DIGITAL 3D

TUESDAY - 5:00 P.M. AT THE AMC THEATER

TUESDAY - 2:00 P.M. AT THE AMC THEATER 46 theaters 14 countries

PENGUINS 3D

48 theaters

16 countries

TUESDAY - 10:00 A.M.

AT THE AMC THEATER

nWave

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Museum Alive! Presented in digital 3D

RELEASE DATE: May 2015 AVAILABLE FORMATS: 3D, DCI-compliant Digital LENGTH: 39:00 PRODUCER/DISTRIBUTOR: **Atlantic Productions** CONTACT: John Morris.

johnm@atlanticproductions.co.uk

Audiences are transported into a world-class museum late at night, where by the magic of incredible VFX the most fascinating exhibits of extinct creatures come alive. The sheer fun of experiencing this visually stunning fantasy-cometrue is simply the entry point for some serious science: What's the evidence that these animals ever existed? How did they appear when alive? How did they live—and die out? Everything is based on the latest scientific research and bound together with take-way facts and figures. Set in one of the world's most spectacular museums, the film is also a hymn to the mission of the world's great cultural institutions. Museum Alive! will be available in a 20:00 version and an IMAX Digital version in late 2015 or 2016.



Penguins 3D

Presented in digital 3D RELEASE DATE: 2013 **AVAILABLE FORMATS: 2D and** 3D, DCI-compliant Digital LENGTH: 22:14 PRODUCER: Atlantic **Productions** DISTRIBUTOR: nWave Pictures Distribution

CONTACT: Janine Baker, Jennifer Lee Hackett, Goedele Gillis, sales@nwave.com

Narrated by David Attenborough, Penguins 3D celebrates the destiny of a very special King Penguin, who returns to his birthplace in the sub-Antarctic. Known as Penguin City, the island is home to hundreds of albatrosses, fur seals, and brawling elephant seals—as well as six million penguins! Somehow our hero must earn his place among the island inhabitants and fulfill his destiny by finding a mate and raising a family. What follows is the story of the most challenging

time in a King Penguin's life, when he is driven to nurture and defend his offspring against harsh weather and fierce predators. This cosmic drama plays out in one of Earth's last great wildernesses, amid steep mountain ranges and windblown plains half buried beneath snow and ice. Penguins 3D is an unforgettable tale of one King Penguin's journey through his species' central rite of passage.



Remnants

Presented in digital 2D RELEASE DATE: Now available AVAILABLE FORMATS: 2D. DCI-compliant Digital, Fulldome Digital LENGTH: 35:15

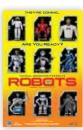
PRODUCER: Grant Wakefield/

Sky-Skan

DISTRIBUTOR: Grant Wakefield/Sky-Skan and seeking additional distribution

CONTACT: Grant Wakefield, grant@grantwakefield.com

Before the invention of the written word, in one of the longest cultural developments in history, the people of the Neolithic civilization of Europe constructed ever more complex stone monuments. Their reasons for doing so are unclear to this day, and their people have vanished largely without trace. Presented in 2k digital widescreen, and set only to an original 5.1 score by Tangerine Dream member Thorsten Quaeschning, Remnants utilizes highly stylized motion controlled time-lapse to explore their extraordinary achievements, capture the austere beauty of these "Megalithic" sites, suggest rationales for their being, and pose an important question for our times. History has proven no civilization can last indefinitely. Is it not unlikely we shall share the same fate? The available principal release versions, both with 5.1 audio, are: 2k DCP (2048 x 858 @ 24fps) 4k fulldome (4096 x 4096 @ 30fps.) Originally photographed primarily at 4k resolution, customized versions in other formats (i.e. IMAX Digital) and/or with a shorter running time are available on request. There is a sister project called Ancient Skies, a narrated presentation which explores the Archeoastronomical Side of the neolithic structures in Europe. Ancient Skies was produced in Digital Fulldome with a running time of 46 minutes. There is also a 25 version, and the sountrack is available in English, German, or Finnish, with other versions pending.



Robots 3D

Presented in digital 3D RELEASE DATE: June 2015 **AVAILABLE FORMATS: 2D and** 3D. 15/70. DCI-compliant Digital, IMAX Digital, Dome-customized 15/70 LENGTH: 40:00 PRODUCER: National

Geographic Studios, Day's End Pictures **DISTRIBUTOR: National Geographic Studios** CONTACT: Mark Katz, mkatz@ngs.org

Humans do amazing things, all the time, without even thinking. It takes 34 muscles to move your fingers and thumb and more than 80 billion neurons to think. Humans use 300 muscles just to stand still! Imagine trying to build a machine that can move like a human, think like a human, or even simply stand still like a human. Robots will explore building state-of-the-art humanoids and witness the trials and tribulations. You'll meet the leading humanoids of today, many of which are already performing previously unimaginable tasks such as walking, talking, and thinking. Robots 3D will introduce you to future challenges and the real world needs for robots, in a way only the giant screen can show you!



Tinv Giants 3D

Presented in digital 3D RELEASE DATE: May 2014 **AVAILABLE FORMATS: 2D and** 3D, DCI-compliant Digital, IMAX Digital LENGTH: 40:00 and 20:00 (40:00 version will be screened at the Film Expo) PRODUCER: BBC Farth

DISTRIBUTOR: BBC Earth and Giant Screen Films CONTACT: Tom Rooney, trooney@gsfilms.com

Tiny Giants 3D reveals the astonishing lives of small animals in a world of giants. Using the incredibly immersive power of specialist 3D cameras, audiences will be transported in a very intimate way into another world and experience the titanic battles these creatures face to survive. A chipmunk in a wild wood and a scorpion mouse in Arizona's scorched deserts are both forced to grow up fast when they find themselves

alone for the first time. Facing experienced rivals and huge predators, our chipmunk hero must find courage to gather enough nuts for winter. Forced out of the family home, our adolescent scorpion mouse is then swept away in a flash flood. He needs to learn the skills to survive and lay claim to his own patch of desert as he becomes an adult. Only by using their ingenious "superpowers" can our heroes stay alive and become masters of their universe.



Walking with Dinosaurs: Prehistoric Planet 3D

Presented in digital 3D RELEASE DATE: July 2014 AVAILABLE FORMATS: 2D and 3D. DCI-compliant Digital. IMAX Digital LENGTH: 40:00 and 20:00

(40:00 version will be screened at Film Expo) PRODUCER: BBC Earth and Reliance Entertainment in association with Evergreen Studios DISTRIBUTOR: BBC Earth and Giant Screen Films CONTACT: Tom Rooney, trooney@gsfilms.com

Walking with Dinosaurs: Prehistoric Planet 3D is an exciting adventure that transports audiences back to Cretaceous Alaska. The main characters in the story are a herd of large, frilled, plant eating dinosaurs-Pachyrhinosaurus. The film follows their youngsters, and from the moment they hatch, they face predators, weather extremes, and natural disasters as they fight for survival through the seasons. It's an epic yet intimate story, and audiences of all ages will empathise with them and their struggles, just as they do with animals in contemporary wildlife documentaries. The film is an immersive 3D experience, the characters animated throughout, against real backgrounds. It's the most authentic dinosaur experience ever to be seen on the giant screen. The animals' bodies and movements have been precisely built up from fossil evidence, and their behaviour is derived from palaeontology and detailed knowledge of modern animal behaviour, giving these creatures an amazing realism.

12 **IMAX**°

FILMS IN PRODUCTION FILMS IN PRODUCTION FILMS IN PRODUCTION FILMS IN PRODUCTION

wt = working title = ft = final title

America Wild: U.S. **National Parks**

wt, presented in 15/70 2D **RELEASE DATE: February 2016**

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

LENGTH: 40:00

PRODUCER: MacGillivray Freeman Films DISTRIBUTOR: MacGillivray Freeman Films

Distribution Company CONTACT: Bob Harman, bharman@macfreefilms.com

The U.S. National Park Service turns 100 years old in 2016, marking a major milestone in the preservation of America's wild, pristine spaces. America Wild: U.S. National Parks (working title) brings the magnificence of these landscapes to the giant screen and introduces us to compelling individuals who live, explore, or work in these great places. Today's national parks system includes over 400 iconic landmarks—spectacularly wild and beautiful places like Yellowstone, Yosemite, the Everglades, and Glacier National Park that represent the heritage and spirit of America and make a rich pallet for a giant screen film. With its stunning natural landscapes and powerful personal stories, America Wild leads audiences on an awe-inspiring "off-trail" adventure into the mountains and canyons of the great outdoors, revealing a tapestry of natural wonders that, in naturalist John Muir's words, "gives strength to the body and soul." A MacGillivray Freeman film in partnership with Brand USA.

Earthflight 3D

wt, presented in digital 3D

RELEASE DATE: 2015

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

IMAX Digital

LENGTH: 40:00 and 20:00

PRODUCER: John Downer Productions DISTRIBUTOR: BBC Earth and Giant Screen Films CONTACT: Tom Rooney, trooney@gsfilms.com

Earthflight 3D takes the audience on an incredible flight across the world on the wings of birds. Revolutionary aerial techniques and state-of-the-art 3D cameras fly wingtip to wingtip with some of the world's most charismatic birds. On their fantastic journeys the birds visit some of the most spectacular animal events and locations on earth. It is a totally immersive experience—at times the flocks seem to fly out of the screen. It is a whole new way of exploring the natural world, as birds time their seasonal journeys to coincide with some of the most intriguing events in nature they soon become immersed in great animal migrations, strange animal happenings and awe-inspiring landscapes. In this thrilling experience the 3D cameras plunge the audience into the heart of these natural events. Through the eyes of birds, Earthflight 3D shows the spectacles of our planet as never before.

Extreme Weather

wt. presented in digital 2D RELEASE DATE: 4th quarter 2016

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

LENGTH: 40:00

PRODUCER: National Geographic Studios and

Sean Casey

DISTRIBUTOR: National Geographic Studios CONTACT: Mark Katz. mkatz@ngs.org

Extreme Weather comes to us from famed storm chaser Sean Casey. This dramatic and exciting film will take us inside hurricanes, lightning and tornadoes, drought and floods. We will see lightning move in a slow-motion dance, and travel on a groundbreaking mission to record the first vertical scans of a tornado. We will be going inside an extraordinary wind-generating lab that can create winds up to 190 mph and maintain those winds for 12 hours to replicate the exact conditions of a hurricane. Extreme Weather will examine these forces of nature so we can better understand them and prepare ourselves for when they strike.

In Saturn's Rings

ft, presented in digital 2D

RELEASE DATE: 2015

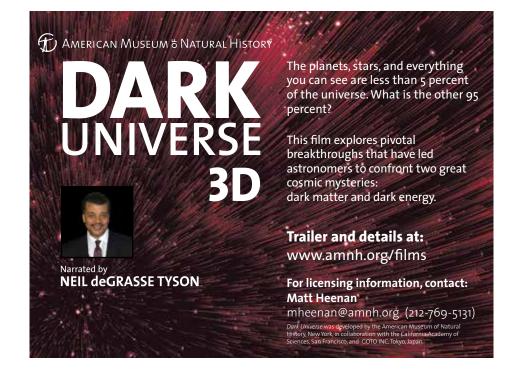
FORMATS: 2D, 15/70, DCI-compliant Digital, IMAX Digital, Dome-customized 15/70,

Fulldome Digital LENGTH: 40:00

PRODUCER: SV2 Studios DISTRIBUTOR: BIG & Digital CONTACT: Tina Ratterman, tratterman@biganddigital.com

Fly through space and explore the wonders of the universe as science meets art on the giant screen. Created from over two million real photographs from space missions and historical sources, all animated to full motion, audiences will journey from the Big Bang to the awe-inspiring rings of Saturn. In Saturn's Rings showcases stunning, rarely-seen and

newly processed images from humanity's space missions, including Cassini-Huygens, Apollo, Voyagers 1 & 2, Hubble, Solar Dynamics Observatory, Messenger, Lunar Reconnaissance Orbiter, and many more. Leading astrophotographers have contributed 500,000 photographs of the night sky, including the highest-resolution multi-day timelapse of the Milky Way ever photographed. The result is a groundbreaking visual epic that is the closest experience to flying through space and time possible without a personal spacecraft. Set to powerful music and dense sound design, In Saturn's Rings appeals to the great human yearning to explore, to question, to discover. Formerly title Outside In.







FILMS IN PRODUCTION FILMS IN PRODUCTION

Life in Space

wt, presented in digital 2D RELEASE DATE: March 2016

FORMATS: 2D and 3D, 15/70, DCI-compliant

Digital, IMAX Digital LENGTH: 45:00

PRODUCER: December Media

DISTRIBUTOR: MacGillivray Freeman Films

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. 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?"

Majestic Lights – Aurora

wt, presented in digital 2D

RELEASE DATE: 2017

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

LENGTH: 40:00

PRODUCER/DISTRIBUTOR: Keo Consultants CONTACT: Robert Eather, keoconsult@gmail.com

The aurora borealis (and aurora australis) is arguably Earth's most spectacular natural visual phenomenon. But auroras are mostly confined to polar skies, so most residents of Planet Earth will never get to see a grand display. Nevertheless, modern digital photography has resulted in an exponential increase in auroral videos, especially online, and a trip to the Arctic to see the aurora is

beginning to appear on many bucket lists. There is a wealth of historical, literary, and scientific material concerning the aurora. These themes will be interwoven into a film that follows three very different personalities for whom the aurora has become a passion: a physicist (from Australia), an astronaut (from America), and a financial advisor turned full-time auroral photographer (from Norway).

Predator

wt, presented in digital 2D

RELEASE DATE: 2016

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

IMAX 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

Predator 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 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 behaviour, Predator reveals the unique relationship between predators and prey as a fundamental building block of ecology.



DIRECTOR TONI MYERS

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FILMS IN PRODUCTION FILMS IN PRODUCTION FILMS IN PRODUCTION FILMS IN PRODUCTION F

Sea of Love 3D

ft, presented in digital 3D

RELEASE DATE: 2017

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

Fulldome Digital LENGTH: 45:00

PRODUCER: Achtel Pty. Ltd.

DISTRIBUTOR: TBD

CONTACT: Pawel Achtel, pawel.achtel@24x7.com.au

We often overlook the presence of love in the life of sea animals—within their families, communities, schools, and friendship circles. The Sea of Love explores the many ways marine animals show their love for one another. Watch underwater beings develop friendships, romantic liaisons, parental bonds, and fulfill their community duties. Whether it involves sacrifice, sharing and caring, or flirting, singing, dancing and romancing, the theme is one of attraction, attachment, and care for others. It begins where love is irrelevant-with the spectacle of mass coral spawning, the ultimate in indiscriminate coupling—but then reveals the intimate and social bonding behaviour of the ocean's real lovers. Filmed with newly developed 3D underwater housing technology by a cameraman with over 15 years' experience filming underwater, Sea of Love offers a sharpness and quality never before experienced on giant screen.

Solar Impulse 3D

wt. presented in digital 3D RELEASE DATE: February 28, 2016 FORMATS: 2D and 3D, 15/70, DCI-compliant Digital, IMAX Digital, Dome-customized 15/70,

4K/3D LENGTH: 40:00

PRODUCER: N3D Land Films

DISTRIBUTOR: TBD

CONTACT: Pascal Vuong, pvuong@n3dland.com

In 2015, Solar Impulse 2 will be the first solar airplane completing a round-the-world tour. 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, Solar Impulse 3D 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 and from all horizons 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.

Space Next 3D

wt, presented in digital 3D RELEASE DATE: May 15, 2015

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

IMAX Digital, Fulldome Digital LENGTH: 40:00 and 20:00 **PRODUCER: Afterglow Studios** DISTRIBUTOR: TBD

CONTACT: Luke Ployhar, luke@afterglowstudios.com

Space Next takes us on a journey of mankind's pursuit to reach the stars. From the beginning of our earliest dreams that sparked the imagination, to the machines that took us there. The space race that inspired generations and the inventions that have changed the world forever. But now, a new era in space travel has dawned. Space Next looks to inspire a new generation to look once again to the stars. To reveal the possibilities of what is to come next. A new era of ideas and innovations that open the doors to the future of space travel and development.

Star Wars: The Force Awakens

ft, presented in digital 3D RELEASE DATE: December 18, 2015

FORMATS: 3D, IMAX Digital LENGTH: TBD

PRODUCER: Disney, Lucasfilm and Bad Robot

DISTRIBUTOR: Disney

CONTACT: Gina Glen, gglen@imax.com

The Force Awakens will be the first film in the planned third Star Wars trilogy. It stars John Boyega, Daisy Ridley, Adam Driver, Oscar Isaac, Andy Serkis, Domhnall Gleeson, and Max von Sydow, with Harrison Ford, Carrie Fisher, Mark Hamill, Anthony Daniels, Peter Mayhew, and Kenny Baker reprising their roles from previous films. The story is set approximately 30 years after the events of Return of the Jedi (1983). Directed by J.J. Abrams and produced by Walt Disney Pictures, Lucasfilm, and Abrams' Bad Robot Productions.

Tomorrowland

ft. presented in digital 2D RELEASE DATE: May 22, 2015 FORMATS: 2D, IMAX Digital LENGTH: TBD

PRODUCER/DISTRIBUTOR: Disney CONTACT: Gina Glen, gglen@imax.com

Bound by a shared destiny, a bright, optimistic teen bursting with scientific curiosity and a former boy-genius inventor jaded by disillusionment embark on a dangerfilled mission to unearth the secrets of an enigmatic place somewhere in time and space that exists in their collective memory as "Tomorrowland."

Wild Africa 3D

wt, presented in digital 3D RELEASE DATE: December 2015

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

IMAX Digital

LENGTH: 40:00 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 thermal geysers help turn thousands of flamingos pink, and create the perfect conditions for them to breed; how elephants navigate scorched plains to find hidden water; 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.

Wild Flight

wt, presented in digital 3D RELEASE DATE: September 2015

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

LENGTH: 40:00

PRODUCER: Colossus Productions DISTRIBUTOR: Atlantic Productions

CONTACT: John Morris,

johnm@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. Wild Flight 3D uses the very latest science and stunning special effects to uncover the 300-million-year story of flight as never before. The most advanced filming technology allows us to show the beauty and excitement of life on the wing, 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 theatre both stunned by the spectacle and thrilled by the story of Wild Flight.

"A whale of a nature doc...dynamic and dazzling"

—The Hollywood Reporter



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-Boston Globe

"Humpback Whales is something special"

—The Wall Street Journal



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Amazon Adventure wt

RELEASE DATE: 2016

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

LENGTH: 40:00

PRODUCER: SK Films, in association with Tangled Bank Studios/HHMI and the Pacific Science Center, with major funding provided by the Gordon and Betty Moore Foundation and the National Science Foundation

DISTRIBUTOR: SK Films

CONTACT: Jonathan Barker, jbarker@skfilms.ca

Against all odds, Henry Bates became one of the greatest naturalists and intrepid explorers who ever lived. Traveling with his red-faced monkey, guitar, machete, blowpipe and collector's gear, encountering river dolphins, giant otters, jaguars, and so much more, and with the help of local tribes he befriended, he spent 11 adventurous years in the Amazonian rainforest, the most bio-diverse location on Earth, and unraveled some of its most spectacular mysteries. He risked his life for science and discovered the amazing phenomenon of Mimicry whereby an animal takes on the look of another animal to gain an advantage in the competitive world of survival. You too will be fooled! His discoveries provided the "beautiful proof" of natural selection. With remarkable powers of observation, Bates will bring the audience mind-boggling examples of mimicry and some of the 8,000 species new to science the he collected. Nature is extraordinary and scientific puzzles make great detective stories, just waiting to be solved.

Asteroid Impact ft

RELEASE DATE: 2016

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

LENGTH: 40:00

PRODUCER/DISTRIBUTOR: IMAX Corporation CONTACT: Gina Glenn, gglen@imax.com

Asteroid Impact will reveal the origins of asteroids and the effects of previous Earth impacts, delve into the threat these celestial masses pose to our planet today, and examine how we monitor their trajectory in order to stay

out of their deadly path. Through a tour of the

solar system and a close look at the "citybuster" asteroid, Apophis, this new IMAX documentary will tell you everything about the massive space rocks that shape our universe through amazing and devastating collisions.

The Bumblebee Queen wt

RELEASE DATE: 2017

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

Fulldome Digital LENGTH: 40:00

PRODUCER: Principal Large Format DISTRIBUTOR: to be determined CONTACT: Phil Streather, phil@plf.cc

As spring touches the magical world of a British country estate, a bumblebee queen emerges from a deep slumber. She has slept through the winter, and now she must create a new colony to ensure the future of her species. In the process, she will also benefit humanity-because almost a third of the food we eat comes from plants pollinated by bees. Our queen must overcome many threats, from a hedgehog raiding her nest, to the crab spiders lying in ambush on the flowers she depends on for survival. Finally, as her colony grows, her daughters rebel: she fights for control, and eventually loses. And so, as winter falls, it is not our queen, but one of her daughters, that creeps into a hole, and falls into a slumber. Ready for next spring, when an age-old cycle will start anew. This is a real-life fairy-tale. Enter the magical world . . . of The Bumblebee Queen.

Cleopatra's Lost World wt

RELEASE DATE: Fall 2016

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

LENGTH: 40:00

PRODUCER: CineNova Productions

DISTRIBUTOR: TBD

CONTACT: Andre Picard, andrepicard55@gmail.com Cleopatra is an icon. Mythic. We think we know her. But do we? Ours is one of archaeology's most exciting adventures of discovery. We reveal the life and times of the real Cleopatra. A series of ancient

Mediterranean earthquakes and tsunami destroyed Cleopatra's Palace at Alexandria, and drowned two nearby cities—Canopus and Heracleion. In recent years, a large multinational team led by celebrated marine archaeologist Franck Goddio, using proprietary radar technology, has found and mapped these sites. And retrieved dazzling "treasures." CineNova is known for its popular and innovative documentaries. Spectacular dive footage, stunning CGI of the sunken cities brought to life and evocative reenactments will recreate Cleopatra's lost world. We will travel through time in Goddio's 3D mappings of vast scientific data sets and rediscover the deities, people and riches of ancient Egypt. A film for all. We have been producing with Goddio for many years, http://www.cinenova.net

Dream Big: Engineering Wonders of the World wt

RELEASE DATE: Fall 2016

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

PRODUCER: MacGillivray Freeman Films **DISTRIBUTOR: MacGillivray Freeman Films**

Distribution Company

CONTACT: Bob Harman, bharman@macfreefilms.com

Dream Big: Engineering Wonders of the World will bring today's greatest engineering marvels to the giant screen. From record-reaching skyscrapers to bridges soaring above the clouds to giant tunnel-boring machines navigating beneath our cities, audiences will experience the massive scale and the forces of nature that challenge their designers. Audiences will discover how imagination and human invention—even failure-turn ideas, dreams, and human needs into reality. The first giant screen film to focus specifically on STEM, Dream Big celebrates the engineers who are pushing the limits of ingenuity and innovation in unexpected, amazing and forward-thinking ways. Together with extensive outreach programs, the film will explore how we use science and technology to build, invent, design, and shape our world. A MacGillivray Freeman film in partnership with the American Society of Civil Engineers.

Earth Story wt

RELEASE DATE: March 2017

FORMATS: 2D and 3D, 15/70, DCI-compliant

Digital. IMAX Digital LENGTH: 45:00

PRODUCER: December Media

DISTRIBUTOR: MacGillivrav Freeman Films

CONTACT: Bob Harman, bharman@macfreefilms.com

If the history of the earth were a 24-hour clock, then humans have only existed for just over a minute. This is the story of the rest of it. And what a story it is. Earth's history is nothing if not dramatic. It has had to cope with at least 5 major extinction events. It has seen monumental change—the creation of an atmosphere, the formation of water, the emergence of a magnetic field. All three of which led to the most monumental change of them all...life. Earth Story takes us on a visual journey to see our world during its birth, its infancy and its adolescence. Earth Story allows viewers to see our home's glorious history using the power of 3D IMAX. Discover that our world was once stranger than science fiction and more visually spectacular than our wildest dreams.

Ghosts of the Lusitania wt

RELEASE DATE: March 2016

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

Fulldome Digital LENGTH: 40:00

PRODUCER: Rough Cut Pictures

DISTRIBUTOR: TBD

CONTACT: Sias Wilson, info@roughcutpictures.com

A deep-sea underwater adventure that recounts the historical, political, and economic policies of the early 20th century culminating in the tragic sinking of what was then the world's second largest passenger carrying ocean liner.

Great Barrier Reef wt

RELEASE DATE: 2016

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

LENGTH: 45:00

PRODUCER: December Media DISTRIBUTOR: To be announced CONTACT: Stephen Amezdroz. stephen@decembermedia.com.au





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In 2016, 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.

Hawai'i Islands of Fire wt

RELEASE DATE: June 2016

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

Fulldome Digital LENGTH: 40:00

PRODUCER: Ring of Fire Films

DISTRIBUTOR: TBD

CONTACT: Michael Lienau, michael.lienau@gmail.com

Join a young Polynesian boy, traveling through time to encounter legendary figures of Hawaii. Meet King Kamahameha as he unifies the Islands with the help of an explosive volcanic eruption; Royal Chieftess Kapiolani, who dares to defy the volcano goddess at the fiery crater's edge; and Volcanologist Thomas Jaggar, founder of the Hawai'i Volcano Observatory, whose cutting-edge science is today credited with saving thousands of lives around the world Featuring dramatic storytelling through historical reenactments, spectacular scenery, and unforgettable eruption footage-including the current eruption and lava flow now threatening thousands on the Big Island-this epic film will showcase the noble Hawaiian people who struggle to preserve their ancient language, endangered species and their very land.

In the Footsteps of Giants wt

RELEASE DATE: To be determined FORMATS: 2D and 3D, DCI-compliant Digital LENGTH: 40:00

PRODUCER: Statement Pictures LLC

DISTRIBUTOR: To be determined

CONTACT: Todd Miller,

tmiller@statementpictures.com

In the Footsteps of Giants, a 3D adventure film that follows dinosaur hunters from around the globe: giving us insight into the world of paleontology and how it connects us all.

Life as a Mantis wt

RELEASE DATE: Fall 2015

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

Fulldome Digital LENGTH: 20:00

PRODUCER: Rough Cut Pictures Ltd. DISTRIBUTOR: to be confirmed

CONTACT: Sias Wilson, info@roughcutpictures.com

The lifecycle story of a single Spiny Flower Mantis, following it from birth to death, through perils and joys, and along the way meeting the interesting creatures it meets, some friendly, some not so.

LightSpeed Pioneers: Stranded on Mars ft

RELEASE DATE: 2016

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

Fulldome Digital LENGTH: 22:00

PRODUCER: No Final Frontier Productions.

Wonder Mill Cosmos

DISTRIBUTOR: BIG & Digital, Evans & Sutherland CONTACT: Lee Fanning, lee@wondermillcosmos.com

LightSpeed Pioneers: Stranded on Mars is an upcoming traditionally animated science fiction/adventure film designed for both fulldome planetarium screens and giant screen institutional theaters. Set in a future golden age of commercial space exploration, the film follows a group of teenage astronauts-to-be as they match their wits and wills while training for voyages to other worlds. Simulated dangers become all too real, however, after a crash landing on Mars strands the group on the wrong side of the planet, where they'll have to think fast-and use their science know how-to survive the red planet's ever-mounting dangers. An action-packed educational adventure built to provide dynamic, STEM-focused curriculum for audiences between the ages 9 to 14, LightSpeed Pioneers: Stranded on Mars will

be a one-of-its-kind experience that explores the unique science of our nearest celestial neighbor, as well the history of its unmanned exploration, and the future of humankind's presence there.

Mysteries of the Mediterranean wt

RELEASE DATE: 2018-2019

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

Fulldome Digital LENGTH: 40:00

PRODUCER/DISTRIBUTOR: Principal Large Format

CONTACT: Phil Streather, phil@plf.cc

Five million years ago the waters of the Atlantic Ocean cascaded into a desert bowl between Europe and Africa, and the Mediterranean Sea was born. Since that time the mighty empires of Egypt, Greece, and Rome have come and gone on her shores, and dolphins, loggerhead turtles, and monk seals now live in her waters. It is a place where WW2 fighter planes have turned into reefs of soft coral, 3000-year-old urns are

home to shimmering shoals of fish and 16-foot-high statues from the sunken cities lie where they fell, 1200 years ago. This is a sea where the cradle of civilisation runs parallel with the natural world. In the depths off ancient Athens, we discover something special-20 families of sperm whales; the most social of the great whales. Come with us on a journey, into the Mysteries of the Mediterranean.

Oceans: The Blue Planet wt

RELEASE DATE: 2019

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

IMAX Digital

LENGTH: 40:00 and 20:00 PRODUCER: BBC Earth

DISTRIBUTOR: BBC Earth and Giant Screen Film CONTACT: Tom Rooney, trooney@gsfilms.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.

Star & Stone wt RELEASE DATE: 2017

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

LENGTH: 40:00 PRODUCER: xRez Studio DISTRIBUTOR: to be determined CONTACT: Eric Hanson, info@xrez.com

Star & Stone is a film that traces and reveals the practice of "Astro-archeology," the intentional alignment of ancient architecture to celestial cycles. Often associated with pseudo-science, the field alternatively reveals early man's reliance on the heavens for survival, illustrating surprising ingenuity and sophistication. The film ranges from the earliest evidence of calendrical structures, surveys classic British megaliths, Mayan and Incan observatories, and concludes with Chaco Canvon and James Turrell's Roden Crater landscape art in the southwestern US. The film will utilize cutting-edge visual effects techniques such as immersive stereo 360 capture, laser scanning of structures and terrains, and photogrammetry with the intent to visualize complex interactions in a novel and rich way. The film will be authored fully spherically, in order to deliver in fulldome, giant screen, and VR platforms. Developer xRez Studio has an extensive background in

innovative graphics techniques, having contributed to several fulldome and giant screen films.

Untitled Toni Myers Space Documentary wt

RELEASE DATE: 2016

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

LENGTH: TBD

PRODUCER/DISTRIBUTOR: IMAX Corporation

and Disney

CONTACT: Gina Glen, gglen@imax.com

Myers' upcoming 3D film, which is still untitled, will use IMAX's extremely high-resolution photography and videography to offer breathtaking, illuminating views of our home planet from space, exploring the astonishing changes that have occurred on Earth in just the past several decades. Made in cooperation with the National Aeronautics and Space Administration (NASA), the film will explore mankind's future on-and off-the planet, increasing our understanding of the solar system, while also traveling light-years to other star systems to ponder the possibilities of "Goldilocks," an Earth-like planet.

Voyage of Time wt

RELEASE DATE: 2016

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

LENGTH: to be determined

PRODUCER/DISTRIBUTOR: IMAX Corporation

CONTACT: Gina Glen, gglen@imax.com

Terrence Malick's Voyage of Time is a celebration of the universe, displaying the whole of time, from its start to its final collapse. This film examines all that occurred to prepare the world that stands before us now: science and space, birth and death, the grand cosmos and the minute life systems of our planet. Malick is working first in the IMAX format for a 40-minute version with scientific narration by Brad Pitt, followed by a 35mm feature-length version with narration by Cate Blanchett.

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Welcome to the Giant Screen

Wednesday, March 11 8:30 am-9:00 am Hilton Ballroom A

Setting the stage of the Filmmaker Symposium: Connecting the dots. What is the lens through which this entire symposium is focused?

PRESENTERS: Christian Fry, Pretend Entertainment; Lisa Truitt, THINK Creative

Mining the Data: Using Industry Research to Get Films Made and **On Screens**

Wednesday, March 11 9:00 am-9:45 am Hilton Ballroom A

GSCA recently completed two in-depth studies to capture crucial industry data. The Theater Programming Survey asked theater film buyers to provide input on usage and attitudes regarding various types of content they've programmed in the recent past and plan to program in the near future. The GSCA Audience Research Study gathered data from more than 5,000 theater-goers from 36 venues in 12 countries to gain information on them and gauge their thoughts on the giant screen industry, theater experience, film content and more. Topline results from both studies will be presented at this session to provide filmmakers with invaluable information about what audiences and theater directors are looking for in giant screen films.

PRESENTER: Paul Fraser. Blaze Digital Cinema Works

Mysteries of Programming Revealed

Wednesday, March 11 9:45 am-11:00 am Hilton Ballroom A

There are almost as many different film programming models as there are giant screen theaters. How many film titles are on the theater's schedule each day? Does the theater book Hollywood content in addition to documentaries? How much of the schedule is devoted to alternative content? Does the theater

choose content using a cross-divisional review process, scientific review committees, audience poll, or something else? This session will feature a panel of exhibitor film buyers who will share their processes and criteria for deciding what goes up on the screen.

SESSION MODERATOR: Diane Carlson, Pacific Science Center

PANELISTS: Zarth Bertsch. Smithsonian Enterprises: Tim Hazlehurst, Marbles Kids Museum: Paul Wild. IMAX Victoria Inside the Royal B.C. Museum; Toby Winsett, Denver Museum of Nature and Science; Andy Zakraisek, COSI

The Business of the Giant Screen

Wednesday, March 11 Part 1: 11:15 am-12:30 pm Part 2: 2:00 pm-3:30 pm Hilton Ballroom A

So, what is all this business about the giant screen industry anyway? Find out in this jam-packed session. We will focus on the business aspects of what goes into making a giant screen film and what makes the giant screen industry unique compared to the theatrical film and television industries.

Paul Fraser will begin by walking us through the economic model for a new giant screen documentary, tracking the flow of money through each sector, from production to distribution to exhibition. Next, Paul will be joined by industry veterans Jonathan Barker, Don Kempf, and Lisa Truitt to discuss ways to finance films, as well as ways to overcome challenges with the economic model. Then you'll hear from several traditional funders of giant screen films, such as the U.S. National Science Foundation and IMAX Corporation.

Following a break, Neal Allen, Jini Durr, Greg Eliason, and Myles Connolly will take us through two different examples of giant screen film budgets. And to wrap things up, several established distributors, including Mark Katz and Tina Ratterman, will talk about marketing and distribution.

Each portion of this session will have ample time reserved for Q&A and interaction between panelists and symposium attendees.

SESSION LEADER: Kim Nickels

PANELISTS: Neal Allen, A-Frame Productions; Jonathan Barker, SK Films; Myles Connolly, 360-Media: Michael Daut, Evans & Sutherland: Jini Durr, Day's End Pictures; Greg Eliason; Paul Fraser, Blaze Digital Cinema Works; Mark Katz, National Geographic Studios: Don Kempf, Giant Screen Films/D3D Cinema; Tina Ratterman, BIG & Digital Distribution: Lisa Truitt, THINK Creative

Storytelling: The Art of the Giant Screen

Wednesday, March 11 4:00pm-5:30 pm AMC IMAX Theater

Why make a film for the giant screen? What makes this format so special? How do giant screen filmmakers use writing, directing, and editing to tell a compelling story? During this in-theater session, award-winning giant screen filmmakers will show clips from their films and share the creative decisions that went into producing educational, entertaining, immersive, visually stunning theater experiences.

SESSION MODERATOR: Daniel Ferguson. Cosmic Picture

PRESENTERS AND FILMS: Bob Talbot and Andrew Oran (FotoKem) will present scenes from Ocean Men; Myles Connolly (360-Media), and Jonathan Baker and Wendy MacKeigan (SK Films) will present scenes from Flight of the Butterflies; other films/presenters TBA.

Giant Screen Filmmaking: Behind the Scenes

Thursday, March 12 8:00 am-6:30 pm

What is unique about producing for the giant screen? What tools are used to make a giant screen film? This full day takes you behind the scenes and provides in-depth presentations and hands-on, eyes-on and ears-on sessions presented by expert giant screen filmmakers. This session will dig into the giant screen

filmmaking toolbox and demonstrate how production and postproduction differ from other formats. Topics will include cameras; stereo 3D; shooting for the dome; editing; audio recording, mixing, and sound design; visual effects; production and postproduction workflow; cross-platform conversions and more. Tools of the trade will be set up throughout the room, with vendors and suppliers on hand to answer questions, demonstrate their wares, and give attendees the opportunity to see the tools in action.

8:00 am-11:15 am AMC IMAX Theater

- Bring Back Our Wide Shots (BBOWS): Post Treatment Filmout, Digital
- Digital Capture Experiments for the Giant Screen
- Audio: Recording, Mixing, Sound Design

11:40 am-1:00 pm Hilton Ballroom A

- Production and Postproduction Workflow (P3W) Overview
- Time-Lapse, Cameras, P3W Considerations
- Cameras for the Giant Screen
- Christie Presentation

3:00 pm-6:30 pm Hilton Ballroom A

- Stereo 3D
- The Post Environment (Mistika Presentation)
- Underwater 3D
- Visual Effects for the Giant Screen
- Final O&A

SESSION MODERATOR: Martin Howe, TEQ4

PRESENTERS: Pawel Achtel. Achtel Ptv. Ltd.: Tim Archer, Masters Digital; Peter Chang, Golden Gate 3D; Myles Connolly, 360-Media; John Daro, FotoKem; Greg Downing, xRez Studio; Brian Eimer, ImagesInSound; Christian Fry, Pretend Entertainment; Gord Harris, Christie; Sean MacLeod Phillips, Director/ Cinematographer; James Neihouse. Cinematographer; Andrew Oran, FotoKem; Tim Sassoon, Sassoon Film Design; Rik Tester, **ONSIGHT**







Pawel Achtel Director/Producer. Achtel Pty. Ltd. SESSION: Giant Screen Filmmaking: Behind the Scenes For the past 20 years Pawel

Achtel been making natural history films, mostly underwater, and has filmed in locations from the equator to Antarctica. He's also worked as a DOP on features and live performances, predominantly using cine-style camera setups. In 1999 Pawel produced and directed his first film, Aliens of the Sea. This film received the best documentary award at the New York International Film Festival (1999); Aliens of the Sea was awarded the First Prize, Gold Camera Award at the US International Film Festival and two Awards for outstanding Cinematography at the International Wildlife Film Festival, Montana (2000), In 2013 and 2014 Pawel received silver and gold cinematography awards from the Australian Cinematographers Society. Pawel is an inventor and maker of the world's first 2D and 3D housings able to record undistorted ultra-high definition underwater motion pictures, for which he won the prestigious Innovation Award at 2013 NAB Show.



Neal Allen Producer, A-Frame Productions SESSION: The Business of the Giant Screen

Neal Allen has 25 years of experience covering nearly every

aspect of media production. Ranging from music videos, commercials and theatrical films to institutional industrial, documentary and large format 3D, Neal has worked through nearly every aspect of bringing a project from concept to reality. His primary professional focus is on preparation of creative packages through breakdown, scheduling and budgeting, and then the execution of live-action filming. Neal specializes in remote projects with complex logistical requirements, ranging from Cambodia, India, and Saudi Arabia, to Indonesia, Palestine, and Tonga. Additionally,

Neal has worked extensively in support of specialty photography with high speed, infrared, large format film 3D, aerial and underwater photography.



Tim Archer Creative Director / Sound Designer, Masters Digital **SESSION: Giant Screen** Filmmaking: Behind the Scenes

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 (0 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 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 SESSION: The Business of the Giant Screen Jonathan founded SK Films with Bob Kerr, co-founder of

IMAX, where Jonathan was 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.



Zarth Bertsch Director of Theaters. Smithsonian Enterprises SESSION: Mysteries of Programming Revealed

Zarth Bertsch is Director of Theaters for Smithsonian Enterprises, the revenue-generating division of the Smithsonian Institution. He is responsible for all business and operational components of the three Smithsonian IMAX Theaters, Einstein Planetarium, and Simulator/4D Experiences. Zarth is currently driving multiple capital projects to reinvest and enhance Smithsonian Theaters. Most recently, this included an extensive renovation of the Einstein Planetarium at the National Air & Space Museum which included an industry-leading 8K full dome digital upgrade. Upcoming projects include the conversion to IMAX Laser Digital of the three Smithsonian IMAX Theaters. Previously, Zarth was Director of Theaters for the Museum of Science and Industry in Tampa, Florida, and before that, the Science Station in Cedar Rapids, Iowa.



Diane Carlson Vice President of Guest Services and Theaters. Pacific Science Center

SESSION: Mysteries of Programming Revealed

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 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.



Peter Chang Director, Producer, Cinematographer, Golden Gate 3D SESSION: Giant Screen Filmmaking: Behind the Scenes

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 Giant Screen Cinema Association Award for Best Cinematography and Best Film. Panama: A Land Divided. a World United 3D, and the upcoming America Wild: U.S. National Parks. 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 Lightscapes for Discovery.



Myles Connolly Producer, 360-Media SESSIONS: The Business of the Giant Screen, Storytelling: The Art of the Giant Screen, and

Giant Screen Filmmaking:

Behind the Scenes

After studying film at the University of California Santa Barbara, Myles spent time working on features in Hollywood before making the leap to the world of documentary filmmaking in the early 90s. He has filmed in more than 40 countries during his 25-year career and filled a number of production and postproduction roles along the way, including producer, writer, picture editor, and VFX supervisor. He has worked extensively in the large format genre on more than 20 70mm films, including the high-profile projects Everest, The Living Sea, Samsara, and most recently, the award-winning Flight of the Butterflies. With more than 10 years of experience in the developing 3D formats, Myles is considered an expert in this very demanding field. Working alongside some of the best talent in the film business, his efforts have helped garner numerous awards, including the Cine Golden Eagle, the Grand Prix du Festival at the Theater du La Geode in Paris, the "Best 3D/Immersive" award at the Jackson Hole Wildlife Film Festival, and two Academy Award nominations in the Short Documentary category.



Michael Daut

Director of Show Production/ Marketing, Evans & Sutherland Digital Theater SESSION: The Business of the Giant Screen

Michael has a passion for immersive media and is an award-winning writer, producer, and director for fulldome 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 fulldome community. He created the world's first digital fulldome film for SIGGRAPH '99 in Los Angeles. He also helped create the world's first digital fulldome transfer of a giant screen film, Africa the Serengeti in 2007. As a result of this groundbreaking first step, there are now over 35 films that have been converted to fulldome. Michael is a member of the Producer's Guild of America, a founding member of the Association of Fulldome Innovators, a member of the Telly Awards' Silver Council, a member of ASIFA-Hollywood International Animated Film Society, 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.



Greg Downing

President, xRez Studio SESSION: Giant Screen Filmmaking: Behind the Scenes Greg Downing specializes in image-based 3D technologies

and computational photography techniques for immersive environments. He has worked developed and executed Photographic/CGI workflows for a number of Giant Screen, Fulldome, VR, and feature film productions while President at xRez Studio. His work can be seen in museums such as Ars Electronica, the American Natural History Museum, and the Computer History Museum. His IMAX and Fulldome work has won or been nominated for awards at Jackson Hole Film Festival, with the VES society, and the 4K film festival. He has worked on notable visual effects films such as I Am Legend, Spiderman 3, and Narnia. Recent work includes an immersive installation for Björk and a VR/fulldome film with Ai Weiwei.



Jini Durr

Producer, Day's End Pictures SESSION: The Business of the Giant Screen

Jini is an award-winning producer with over 20 years experience in the giant screen

and special venue production. Her passion is bringing state-of-the-art technology to storytelling. Her credits include Producer on several groundbreaking films for National Geographic Studios, including Mysteries of the Unseen World, Sea Monsters: A Prehistoric Adventure, and Wildest Weather in the Solar System for the fulldome. She was Supervising Producer on Tom Hanks' Magnificent Desolation: Walking on the Moon, for IMAX® Corporation. She also produced Roar: Lions of the Kalahari for National Geographic and co-produced Siegfried and Roy: The Magic Box and was VFX Producer on IMAX®'s T-Rex: Back to the Cretaceous. Jini is currently completing Robots 3D for National Geographic Studios. She holds a Bachelor of Arts in Rhetoric from the University of California, Berkeley, and is a member of the Director's Guild of America. She resides in Culver City, California, with her husband and daughter.



Brian Eimer

Senior Sound Designer/ President, ImagesInSound SESSION: Giant Screen Filmmaking: Behind the Scenes 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 3 Golden Reel awards from

the Motion Picture Sound Editors in Los Angeles for The Human Body, Pirates, and Santa vs. The Snowman 3D. Also recently he received two Golden Reel nominations for *Great White Shark* 3D and Titans of the Ice Age. He's most recently completed the sound design for National Geographic's Robots 3D and K2 Communications' Journey to Space.



Greg Eliason

Line Producer SESSION: The Business of the Giant Screen

Greg Eliason has 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.



Daniel Ferguson

Writer/Producer/Director, Cosmic Picture. LLC **SESSION: Storytelling: The Art of** the Giant Screen

Daniel Ferguson entered the giant screen industry in 1998

as a producer and distributor for Primesco Communications. He was Line Producer on Lost Worlds: Life in the Balance, and distributed Wolves, Wildfire: Feel the Heat, Bears and India: Kingdom of the Tiger. After leaving Primesco in

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2002. he worked as Co-Writer and Associate Director of Wired to Win: Surviving the Tour de France, Line Producer and Script Editor of Journey to Mecca and Creative Consultant for MacGillivray Freeman Films on Everest: Conquering Thin Air. He wrote and directed the recent release Jerusalem 3D. From 2010-2014 he has served on the board of the GSCA and he is co-chair of the Professional Development Committee. He is also an active member of the Conference Committee and the Awards sub-committee. He graduated McGill University in 1996 with a degree in Theology and has a diploma from the Vancouver Film School.



Paul Fraser Founder/President, Blaze Digital Cinema Works SESSIONS: Mining the Data: Using Industry Research to Get Films Made and On Screens, The Business of the Giant Screen

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 functionsexhibition, production and distribution. One of Blaze Digital's specialties is guiding museumtheater 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. 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 Ogden 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

SESSION: Giant Screen Filmmaking: Behind the Scenes 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

R&D Program Manager, Visualization-Simulation, Christie SESSION: Giant Screen Filmmaking: Behind the Scenes Gord works as a physicist on

Christie's R&D team on simulation and visualization displays, developing technologies for multi-channel projection systems and immersive displays. Previously he worked in freelance R&D for Go-R&D Consulting. He spent 24 years at IMAX as an engineering generalist in the science of mechanical, optical and electronic display systems. Harris joined IMAX Corporation in 1977 after receiving degrees in Physics & Film Production to found the Camera department, 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 and did the first WAVES electronic projection system. He worked on many films, from space to Everest and Titanica, and helped develop new R&D technologies such as IMAX Solido 3D LC glasses & projection system for Expo 90, the SANDDE stereo animation system, and 3D cameras, receiving many patents. The IMAX Solido 3D camera/projector/dome/glasses system was given the Century Achievement award for historical achievement in Stereoscopic 3D from the International 3D Society in October 2010.



Tim Hazlehurst

Vice President of Operations, Marbles Kids Museum and the Wells Fargo IMAX Theatre at Marbles

SESSION: Mysteries of Programming Revealed

With over 14 years of experience in the giant screen industry. Tim Hazlehurst is currently the Vice President of Operations for Marbles Kids Museum and the Wells Fargo IMAX Theatre at Marbles in Raleigh, North Carolina. Marbles ranks as one of the top 10 field trip destinations in North Carolina with over 650,000 visitors a vear to both the IMAX theatre and museum. Drawing on his background in information technology and facilities management, Hazlehurst manages his institution's IMAX Theatre and oversees finance, technology, and facility operations. Hazlehurst planned and executed his theater's recent conversion from 15/70 film to digital, placing his theater at the forefront of the industry's move to digital projection. Prior to entering the non-profit world, Hazlehurst worked for several corporations in the information technology field and in data center management. Originally from England and having grown up in the United States, Hazlehurst has a Bachelor of Arts in Math from the University of Virginia in Charlottesville, Virginia. He currently lives in Cary, North Carolina, with his wife, four children, and five cats.



Martin Howe

CEO. TEO4 **SESSION: Giant Screen** Filmmaking: Behind the Scenes Martin is based in Brighton in the UK and has over 30 years' experience in technology,

entertainment, and education markets. He is a creative "techie" with a passion for creating realistic and engaging immersive experiences. His specialization is in ultra-high resolution applications and interactive learning environments. He is an ideas generator and a big-picture thinker with the ability to translate those into a structured plan and hands-on delivery. He is currently co-chair of the GSCA Technical Committee and is on the GSCA board of directors. He also is the chair of the DIGSS (Digital Immersive Giant Screen Specifications) Task Force. Martin's deep passion for "the experience of immersion" is tempered by a pragmatic approach and a thorough understanding of the commercial realities. His ironic sense of humour helps balance his impatience to get things done.



Mark Katz

President, Distribution, National Geographic Studios SESSION: The Business of the Giant Screen

A successful industry veteran for 28 years, Mark Katz has been

president of distribution, National Geographic Studios since 2006, representing a library of acclaimed specialty, art & independent films. They include the award-winning 3D films Jerusalem, U2 3D and Sea Monsters, as well as box-office hits Forces of Nature, Lewis & Clark, Mysteries of Egypt, Shackleton's Antarctic Adventure and The Human Body, as well as the highly acclaimed feature films Restrepo, Amreeka and The Last Lions. Prior to National Geographic, Katz was president of distribution for nWave Pictures. Previously he was VP of sales for Sony Pictures Classics, where he led the successful distribution of the original 3D

films Wings of Courage and Across the Sea of Time. He also worked for IMAX Corporation, where he released the groundbreaking film Rolling Stones at the Max and the Academy Award-nominated film Fires of Kuwait.



Don Kempf

President and Founder, Giant Screen Films/D3D Cinema SESSION: The Business of the Giant Screen

Don founded Giant Screen Films together with his brother

Steve with a mission to bring enriching and impactful theatrical experiences to audiences worldwide. As a former history teacher, Don's decision to devote his career to educational documentary film production was a natural one. In 2009, he founded D3D Cinema, a sister company of GSF dedicated to digital 3D theater integration and film production. Don received a BA in history from Dartmouth College and an MBA in marketing and entrepreneurship from the University of Chicago. He lives in the Chicago area with his wife, Kathy, and three boys, Jack, Tommy, and Hank.



Kim Nickels

CPA SESSION: The Business of the Giant Screen

Kim is an accounting and finance professional with 20+

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. Over the past couple years she has informally consulted with numerous theaters during their digital investigation and conversion process. 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.



James Neihouse

Cinematographer SESSION: Giant Screen Filmmaking: Behind the Scenes James Neihouse is a freelance cinematographer who has been

involved with the giant screen film business since 1976. His credits include some of the most successful films in the format, including The Dream Is Alive, Space Station 3D, and Hubble 3D. In 1980 he was cinematographer for The Eruption of Mount St. Helens, the first giant screen film to be nominated for an Academy Award. Neihouse's work has taken him from the Arctic Circle to the jungles of India, from South Pacific coral reefs to Sub-Saharan Africa, and from the decks of The America's Cup yachts to the cockpit of the Space Shuttle. In his work with NASA, he has trained more than 20 shuttle crews on the intricacies of large format filmmaking. In 2014 he was invited to become a member of the Academy of Motion Picture Arts and Sciences. cinematography branch.



Andrew Oran

VP Sales & Operations Large Format, FotoKem SESSION: Giant Screen Filmmaking: Behind the Scenes Andrew Oran serves as VP Sales & Operations for FotoKem's

Large Format Group. Established in April 2004, the unit provides comprehensive lab, video and digital services for 65mm and mixed format film projects. Recent IMAX format documentaries include Journey to Space, Secret Ocean, Robots, Airplanes, D-Day and many others. Recent feature films include Interstellar, The Master, Mission Impossible: Ghost Protocol, as well as 4K restorations of classic 65mm features such as My Fair Lady, Oklahoma! and The Sound of Music. Prior to joining FotoKem, Andrew provided Europeanbased large format film post-production supervision from 2000-2004. IMAX format film credits included The Human Body, Ocean Men, and India: Kingdom of the Tiger. Andrew's large format film experience dates back to 1994, when as Head of Production for Imagica USA he supervised optical effects and format conversions on over 100 large format films and special venue attractions. During this time he played a key role in the development of 65mm digital film services.



Sean Phillips

Director/Cinematographer, MacLeod Enterprises SESSION: Giant Screen Filmmaking: Behind the Scenes Director/Cinematographer Sean Phillips has created memorable

images in every motion picture format and three of the top ten grossing IMAX films of all time. A recipient of the Kodak Vision Award for Cinematography and two Achievement awards from the Visual Effects Society, he's also been responsible for creating innovative 3D camera systems from scratch, including MSM Design's Gemini camera and Gen2 mirror rigs that allow filmmakers complete 3D control. He shot Tom Hank's Magnificent Desolation: Walking on the Moon and Bugs!, which won the GSCA Award for Best Cinematography. Sean directed Sea Monsters, an award winning 3D Giant Screen film for National Geographic that has grossed over \$50,000,000 worldwide. He was the stereographer on Peter Jackson's King Kong 360 3D attraction for Universal Studios.

Recently he photographed Robots 3D and directed the high-speed, time-lapse, microscopic, infrared and VFX sequences for Mysteries of the Unseen World.



Tina Ratterman

Founder, BIG & Digital Distribution SESSION: The Business of the Giant Screen

Tina Ratterman is founder of BIG & Digital Distribution. Ratterman started BIG & Digital after working at the Kentucky Science Center for seven years as Director of Marketing and PR where she programmed and marketed films for the IMAX Theater: and, after working at Giant Screen Films for six years 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 has a library of films that includes 15/70mm, Digital 4K and 2K and Fulldome movies for the traditional museum audience and alternative content for families and pre-school age audiences. 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.



Tim Sassoon

President, Sassoon Film Design **SESSION: Giant Screen** Filmmaking: Behind the Scenes Tim Sassoon is President of Sassoon Film Design (SFD), a

visual effects and post-production facility in Santa Monica, California, with long experience in large format, stereo, and feature films. With a degree in both Cinematography and MotionGraphics from California Institute of the Arts (CalArts), Tim was also trained in stage motion control/downshooter and optical printing. He opened SFD in 1997, and key

personnel have won several VES Awards, more than any other facility of its size. Tim's experience includes the graphics and compositing for U2 3D, Visual Effects (VFX), title design, and 3D conversion for SeaMonsters, Grand Canyon Adventure, and To the Arctic. He has also produced VFX for numerous feature films, televisionshows, and special edition VFX for Sony Blu-Ray disc releases. SFD also completed full-length IMAX 2D to 3D stereoscopicconversions for Lions 3D for National Geographic and Mummies: Secrets of the Pharaohs 3D, and has provided significant contributions to feature films such as G-Force, Alice in Wonderland, The Green Hornet, Smurfs, and both parts of Harry Potter and the Deathly Hallows.



Phil Streather CEO, Principal Large Format SESSION: Giant Screen Filmmaking: Behind the Scenes Phil founded and is CEO of Principal Large Format, a

production company dedicated to developing and producing 3D Giant Screen (IMAX) features, 3D Theatrical Documentary features, and 3DTV. Phil was the producer of awardwinning Bugs! 3D, was co-producer and Stereo Supervisor on Meerkats 3D and was the Stereo Supervisor on Tiny Giants 3D. Other 3D credits include The London Eye 4D Experience, Carmen in 3D, and Madam Butterfly 3D. Phil also devised and ran Advanced 3D: The National Stereoscopic Training Programme in the UK in 2010/2011, funded by Skillset and Sky 3D.



Rik Tester Postproduction Supervisor and Partner, ONSIGHT SESSION: Giant Screen Filmmaking: Behind the Scenes Rik has been involved with Giant Screen filmmaking since

2011, contributing to many acclaimed films, including Flying Monsters, Pandas: The Journey Home, Flight of the Butterflies 3D and Tiny Giants 3D. He is an active member of the technical committee and the "P3W" (Production and Postproduction) best practice task force. Having joined ONSIGHT in 2001, he is now in-house Post Production Supervisor and Partner, ONSIGHT is a pioneering UK-based facilities company for film and television and a leader in Giant Screen services. They supply the latest cameras and equipment as well as high-end Post Production services for 2K, 4K and 3D. ONSIGHT has become the go-to company for giant screen and 3D services in the UK. Rik is responsible for the latest creative and technical solutions, best practice and quality output. He works closely with production teams and across ONSIGHT's complete services in Post and Cameras. With extensive involvement in R&D and deliveries from HD to Giant Screen, he has added to ONSIGHT's reputation for innovative workflows. techniques and results.



Lisa Truitt CEO. THINK Creative SESSION: The Business of the Giant Screen Lisa Truitt's career has spanned the worlds of

television, feature films, giant

screen/specialty cinema, financing, film distribution and education. She specializes in creating and synthesizing high-end media programs with integrated cross platform elements, designed to inspire, illuminate and generate tangible, measurable impact. Over a decades-long career at National Geographic. she created the Cinema Ventures business to finance, produce, market and distribute high-end entertainment properties with a concentration on giant screen films. Her producing credits include some of the most successful giant screen films in history, including the box office hits Mysteries of Egypt (gross box office of \$107 M US), Lewis & Clark: Great Journey West, Sea Monsters

3D (\$48M US) and the newly released Mysteries of the Unseen World 3D. She is now founder and president of THINK Creative, a company focused on creating high-end film, television and location-based entertainment projects that generate profit while driving engagement.



Paul Wild Theatre Director, IMAX Victoria Inside the Royal BC Museum

SESSION: Mysteries of Programming Revealed October 2014 marked the

11th anniversary for Paul in

the giant screen industry. During this time and with credit towards a commitment to film marketing and a great team of staff and management, IMAX Victoria has continually been a top performer in the industry. In addition, Paul has implemented and maintained the most successful annual pass program in the IMAX world, with around 19,000 to 20,000 members annually. In 2008 his projection booth team was awarded the Best Booth Award courtesy of IMAX Corporation. While essentially operating as an independent commercial theater. Paul has also had the benefit and experience of operating within the environment of a mission-based institution—the Royal BC Museum. His 20+ years of professional hotel management experience within the tourism and hospitality field complements his approach to the giant screen industry. Over the years he has contributed to the GSCA through a long-standing involvement on the Professional Development Committee and is a GSCA board member.



Toby Winsett

IMAX Operations Manager and Chief Projectionist Denver Museum of Nature and Science

SESSION: Mysteries of Programming Revealed Toby Winsett is the IMAX Operations Manager and Chief Projectionist at the 409-seat Lawrence C. Phipps IMAX Theater, Denver Museum of Nature & Science, which opened on July 1, 1984, and was renovated to IMAX Digital in 2010. He has been with the Museum since 1984 and was hired to his current position in 1999 with the instructions to "make the theater your own." He has won the Maximum Image Award for Best IMAX Booth three times, twice as a film theater and once as a digital theater. He is on the Film Selection Committee which includes members from Marketing, Educators, Museum Programs, Adult and Children's Programs, and various other departments.



Andy Zakrajsek VP of Operations and

Experiences, COSI SESSION: Mysteries of Programming Revealed

Andy is currently serving as Vice President of

Operations and Experiences at COSI in Columbus, Ohio. His responsibilities include administration, management, and oversight for theaters, exhibits, operations, revenue generation, contract services, facilities, and IT. The COSI team, under Andy's guidance, recently opened a 60-foot immersive digital dome experience (planetarium) to go along with their National Geographic Giant Screen Theater and other digital assets. Prior related experience includes 10 years as Director of Guest Operations at Chicago's Museum of Science and Industry, and 20+ years in the hospitality industry. Andy has been involved with the Giant Screen theater industry since 2000 as a member of GSCA and is currently co-chair of GSCA's Professional Development committee.

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