

## The Void offers next-gen virtual reality experience

A multi-million dollar visitor attraction, coming in 2016, looks set to change the face of virtual reality, offering a first-of-its-kind, next-gen, immersive gaming experience.

Incorporating VR technology, motion simulators and real-world environments, The Vision Of Infinite Dimensions (Void) will allow visitors to fight dragons, explore enchanted forests, engage in space battles, explore haunted castles and much more.

Powered by the Unity gaming engine, The Void will use custom optics, head-tracking sensors, microphones for communication and 3D sound to provide an immersive experience.



The Void will send users to expansive fantasy environments

Custom-designed Rapture headsets, vests and gloves will provide haptic feedback to users, allowing real-life interaction.

While in The Void, guests will enter 60sq ft (5.6 sq m) gaming pods that can be configured to create an experience in-line with

the chosen game. In these pods, real and haptic environments will be employed, including elevation changes, air pressure and temperature changes, even simulated smells. The pods create the ability to explore miles of terrain without leaving the room.

Ken Bretschneider, creator of The Void, has so far invested US\$13m (€11.5m, £8.3m) into the project and development of the VR technology.

The Virtual Entertainment Centres will first debut in Utah in Q3 2016, with openings in “major cities throughout North and South America, Asia, Europe and Australia.”

More: [http://lei.sr?a=b3k3S\\_A](http://lei.sr?a=b3k3S_A)

## JAZA members vote to ban Taiji dolphin hunts

The Japanese member of the World Association of Zoos and Aquariums (WAZA) looks set to remain a part of the global organisation after its members voted to stop using dolphins captured during highly controversial Taiji hunts.

The Japanese Association of Zoos and Aquariums (JAZA) was suspended last month after its decision to continue to take dolphins caught in the Japanese whaling town of Taiji, whose fishermen force the cetaceans into shallow waters before slaughtering them or catching them for public display in aquariums.

Continued on back cover

## Justice League comes to Six Flags Over Texas

Justice League: Battle for Metropolis has made its long-awaited debut at Six Flags Over Texas, with the attraction offering a one-of-a-kind interactive DC universe experience.

The first 4D interactive motion-based dark ride to open in North America, the new attraction allows guests to team up with the likes of Superman, Batman and The Flash to battle Lex Luthor and The Joker in their bid to destroy the city of Metropolis.

Dark ride and animatronic manufacturing company Sally Corporation is behind the new development, with Alterface supplying the ride’s interactive elements.

“[Warner Bros and DC] take great pride in their brands and have great trust in



Sally Corporation is behind the new ride

us to deliver them,” said a spokesperson for Six Flags speaking to AM2. “They are a very engaged and hands-on partner in the truest sense of the word.”

More: [http://lei.sr?a=Y7x9w\\_A](http://lei.sr?a=Y7x9w_A)

GET  
AM2

Magazine sign up at  
[AM2.jobs/subs](http://AM2.jobs/subs)

PDF for iPad, Kindle & smart phone  
[AM2.jobs/pdf](http://AM2.jobs/pdf)

Online on digital turning pages  
[AM2.jobs/digital](http://AM2.jobs/digital)

Twitter follow us:  
[@am2jobs](https://twitter.com/am2jobs)

Job board live job updates  
[AM2.jobs](http://AM2.jobs)

Ezine sign up for weekly updates,  
[AM2.jobs/ezine](http://AM2.jobs/ezine)

Instant sign up for instant alerts,  
[AM2.jobs/instant](http://AM2.jobs/instant)

RSS sign up for job & news feeds  
[AM2.jobs/rss](http://AM2.jobs/rss)

**Leisure Media**

Tel: +44 (0)1462 431385  
 Fax: +44 (0)1462 433909  
 e-mail: please use contact's  
 fullname@leisuremedia.com

**Subscriptions**  
 subs@leisuremedia.com

**Editor**  
 Liz Terry +44 (0)1462 431385

**Head of News**  
 Jak Phillips +44 (0)1462 471938

**AM2 News Editor**  
 Tom Anstey +44 (0)1462 471916

**Attractions Management**  
 Alice Davis +44 (0)1462 471918

**Journalist**  
 Helen Andrews +44 (0)1462 471902

**AM2 Products Editor**  
 Jason Holland +44 (0)1462 471922

**AM2 Publisher**  
 Julie Badrick +44 (0)1462 471919

**Sales**  
 Sarah Gibbs +44 (0)1462 471908  
 Simon Hinksman +44 (0)1462 471905  
 Jed Taylor +44 (0)1462 471914  
 Paul Thorman +44 (0)1462 471904  
 Chris Barnard +44 (0)1462 471907

**Design**  
 Ed Gallagher +44 (0)1905 20198

**Internet**  
 Michael Paramore +44 (0)1462 471926  
 Dean Fox +44 (0)1462 471900  
 Tim Nash +44 (0)1462 471917  
 Emma Harris +44 (0)1462 471921

**Financial Administrator**  
 Denise Adams +44 (0)1462 471930

**Circulation Manager**  
 Michael Emmerson +44 (0)1462 471932

**Subscribe to AM2:**  
 Online: [www.am2.jobs/subs](http://www.am2.jobs/subs)  
 Email: [subs@leisuremedia.com](mailto:subs@leisuremedia.com)  
 Tel: +44 (0)1462 471913  
 Annual subscription rates are UK £31  
 Europe £41, Rest of world £62  
 students UK £16

AM2 is published fortnightly by The Leisure Media Company Limited, Portmill House, Portmill Lane, Hitchin, Herts SG5 1DJ, UK and is distributed in the USA by SPP, 75 Aberdeen Road, Emigsville, PA 17318-0437. Periodicals postage paid @ Manchester, PA POSTMASTER Send US address changes to Spa Opportunities, c/o PO Box 437, Emigsville, PA 17318-0437. The views expressed in print are those of the author and do not necessarily represent those of the publisher The Leisure Media Company Limited. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by means, electronic, mechanical, photocopying, recorded or otherwise without the prior permission of the copyright holder. Printed by Preview Cromatic Ltd. ©Cybertrek Ltd 2015  
 ISSN Print: 2055-8171 Digital: 2055-818X

## Tenerife's Loro Parque expands across Canary Islands with €30m aquarium

Ground has been broken on a €30m (US\$33.5m, £21.4m) aquarium development in the Canary Islands, which is set to open in 2017 as part of one of the Spanish islands' biggest attractions, Loro Parque.

To include 38 display tanks and 300 species of fish, birds, small mammals, amphibians and reptiles, the 12,500sq m (134,500sq ft) development in Las Palmas City, Gran Canaria, will be the first Loro Parque development not built on the island of Tenerife. Spanish architects VDR have masterplanned the development, which will be ecologically sustainable and focus on renewable energy.



Spanish architects VDR are behind the masterplan

"We decided we wanted to go to Gran Canaria and to continue operating Loro Parque exclusively in the Canary Islands because this is our home and a place we believe in," said Dr Patricia Delponti, director of commu-

nications at Loro Parque, speaking to *AM2*. "It's an opportunity to provide a new attraction to the port area and for tourists in Gran Canaria to have a new place to visit."

*More: [http://lei.sr?a=B3W4E\\_A](http://lei.sr?a=B3W4E_A)*

## JRA reimagines Children's Museum of Atlanta for major redevelopment

Plans have been revealed for a large-scale renovation of the Children's Museum of Atlanta, with Jack Rouse Associates (JRA) providing complete planning, design and project management for the development.

Set to be completed in Q3 2015, the project will add two permanent exhibits, as well as a new 3,000sq ft (279sq m) mezzanine level. Renovations include four reinvigorated galleries, with the addition of a new permanent performance space.

The museum's new central exhibit "Gateway to the World" is a two-storey climbing structure, where children will climb through



Gateway to the World is a two-storey climbing structure

the layers of the earth before entering an interactive globe with six continent-shaped interactive tables.

The other new exhibit, "Step Up To Science", will include STEM-focused

activities. A permanent science bar for the exhibition will allow children to observe and conduct scientific experiments with a team of trained experts.

*More: [http://lei.sr?a=H2A4n\\_A](http://lei.sr?a=H2A4n_A)*

# Chicago wins right to host presidential library

US President Barack Obama has announced that the presidential library – a monument to his legacy as the nation’s first black President – will be built in Chicago, Illinois.

A repository for preserving and making available the papers, records, collections and other historical materials of every President of the US since Herbert Hoover in 1929, the presidential library will be developed in partnership with the University of Chicago and is scheduled to open by 2021.

The university beat bids from the University of Illinois at Chicago, as well as Columbia University in New York, and the University of Hawaii in the President’s home state. No architects have been chosen for the project as-of-yet, although several high-profile names including Renzo Piano, Jeanne Gang and Ralph Johnson have been mentioned for the development, which will be built on Chicago’s southside.

The decision was likely boosted by a ruling at the end of April by state lawmakers to clear a path for the library. A bill was



President Obama’s presidential library is expected to generate US\$220m in annual revenue

passed to counter a lawsuit filed by Friends of the Parks – the campaign group attempting to halt development of George Lucas’ museum project and the presiden-

tial library – clarifying that the city has the right to build the facilities on parkland, including “formerly submerged land”.

*More: [http://lei.sr?a=e8h6z\\_A](http://lei.sr?a=e8h6z_A)*

# Indonesia’s largest waterpark comes to Grand Wisata mega-development

Asian property giant Sinar Mas has opened a new US\$13.4m (€12.6m, £9m) waterpark at the centre of its new master-planned community in Jakarta, Indonesia.

With a capacity of 6,000 people, the 75,000sq m (807,200sq ft) Go!Wet waterpark is the largest in Indonesia and has been supplied by WhiteWater West. Special features include the world’s first Kid’s Boomerango and Kid’s AquaSphere slides. Also fitted are two AquaPlay structures, Indonesia’s largest wave pool and a wave river, as well as WhiteWater’s signature SuperBowl, Boomerango,



The new development is the largest waterpark in Indonesia

Rattler, Constrictor and Python waterslides.

The Grand Wisata master-plan in Jakarta has been developed by global architecture firm AECOM with an ecologically friendly approach

in mind. The development also incorporates shopping, a lake, a communal district garden, housing districts and a business park, as well as a school and hospital.

*More: [http://lei.sr?a=2A4B9\\_A](http://lei.sr?a=2A4B9_A)*



The planetarium is part of a new centre

## New planetarium by Sciss unveiled in Sharjah

The Sharjah Centre for Astronomy and Space Sciences has opened to the public, providing a new digital and hybrid planetarium for the Middle East.

The 200-plus seat planetarium is part of the brand new space centre, situated in Sharjah.

Swedish full-dome company Sciss worked with Dubai-based engineering partner Visuals Attraction on the installation, which is comprised of an 18.5m (61ft) hemispherical dome screen.

*More: [http://lei.sr?a=n6v3x\\_A](http://lei.sr?a=n6v3x_A)*

# Academy museum one step closer to realisation

Hollywood bigwigs look to have gained the vital stamp of approval needed to proceed with the US\$300m (€263.5m, £190.4m) development of Los Angeles' Academy Museum of Motion Pictures.

Members for the Los Angeles City Planning Commission voted 6-0 in favour of the development, with an Environmental Impact Report addressing how the film museum will be run and how it will affect traffic, noise and local neighbours.

To be located next to the Los Angeles County Museum of Art (LACMA), which is currently undergoing an expansion, the Academy museum has been designed by award-winning architect Renzo Piano. Contemporary architect Zoltan Pali had been working on the project but has since left due to creative differences.

The museum has one final hurdle to jump before planning is approved, with the City Council to decide its fate next month – though the unanimous decision from the commission and lack of any public opposition is likely to



The Academy museum has been designed by award-winning architect Renzo Piano

carry weight with council members. Plans call for groundbreaking in Q3 2015, with a completion date of late 2017. The Academy museum will cover 290,000sq ft (26,940sq m)

and will include exhibition galleries, a cinema, storage space, educational space and an outdoor plaza to include a large Oscar statuette.

More: [http://lei.sr?a=H6f4r\\_A](http://lei.sr?a=H6f4r_A)



ABC Kids World opens on 27 June

## Dreamworld and ABC Kids reach new IP deal

Dreamworld theme park on Australia's Gold Coast has announced plans to rebrand its Wiggles World to include ABC Kids IP's including *Bananas in Pyjamas*, *Play School*, and *Giggles and Hoot*.

Rebranded ABC Kids World, the Wiggles section will undergo a complete overhaul and extension, featuring several attractions themed around the IPs, including ride manufacturer Zamperla's Jumpin' Star and a Bananas in Pyjamas children's maze. The attraction is due to open on 27 June.

More: [http://lei.sr?a=t6y4s\\_A](http://lei.sr?a=t6y4s_A)

## Science and industry is main focus in latest round of UK heritage funding

The Heritage Lottery Fund (HLF) has awarded a share of £98m (£152.2m, €136.9m) to nine heritage sites across the UK in the latest round of donations from the charity.

Preservation of scientific and technological history is a running theme in this latest funding round, with one of the largest individual funds – worth £12.1m (US\$18.8m, €16.9m) – going to Jodrell Bank in Cheshire, the home of the Lovell Telescope and the only site in the world which showcases the story of the development of radio astronomy.

London's Science Museum, which is partway



Jodrell Bank in Cheshire, England, will receive £12.1m

through a £60m (US\$93.2m, €83.5m) expansion, will receive £8m (US\$12.4m, €11.1m) towards its £24m (US\$37.2m, €33.5m) medicine galleries, while the Great Central

Railway – one of the UK's most prominent heritage railways – has been given £10m (US\$15.5m, €14m) to build a new heritage railway museum in Leicester.

More: [http://lei.sr?a=x6T4w\\_A](http://lei.sr?a=x6T4w_A)

A Global Leader in the Tourism and Leisure Design Industry

# IDEATTACK®

©2015 IDEATTACK Inc. All Rights Reserved



**MasterPlanning**  
 Concept Design  
 Attraction Design  
  
**Architecture**  
 Schematic Design  
 Design Development  
  
**Feasibility Study**  
 Brand Design



[ideattack.com](http://ideattack.com)



Destination  
**Resorts**

Custom  
**Theme  
Parks**

FEC

Cultural  
Attractions

Lifestyle  
**Centers**  
& Themed Retail

Large Scale  
International  
Tourism  
& Leisure Zones



IDEATTACK Inc.  
70 South Lake Avenue  
Pasadena, California  
91101 U.S.A.  
Phone +1 626 463 7353  
[info@ideattack.com](mailto:info@ideattack.com)

# IDEATTACK®



# Van Gogh masterpiece turned into VR world

A Brooklyn-based animator has taken Vincent Van Gogh's *The Night Café* and recreated the work as an explorable three-dimensional piece via a virtual reality headset.

Animator Mackenzie Cauley used certain features in Van Gogh's painting to maintain the art style as seen in the original piece, but he has added a third dimension, opening up the possibility for use on other famous works.

The 3D world was created over the course of 400 hours by taking specific elements of *The Night Café* and digitising them using 3D software. Some parts of the room which aren't seen in the picture have also been added. The design also softens the distorted perspective of the piece, so as to prevent users from feeling nauseous, and it also includes visual and sound effects.

"While creating the environments of these paintings in 3D, I've had to expand on areas that can't be seen – rooms behind doors, objects hidden from view and people turned away from the viewer," said Cauley speaking to *AM2*. "It's been an interesting process in using reference



The recreated virtual image is fully explorable in 3D and even includes Van Gogh himself

material from Van Gogh and imagining what might be there, just off the edges of the canvas.

After unveiling his work, Cauley told *AM2* that he has further plans in

the works for other VR paintings and expressed his eagerness to work with galleries and institutions in the future.

More: [http://lei.sr?a=g7k4m\\_A](http://lei.sr?a=g7k4m_A)



The State's last execution was in 2006

## Active execution chamber could be tourist attraction

Tourists may be able to visit an active execution chamber after state legislators recently passed a bill to open a museum in Nevada State Prison.

"If we did have tourists, we'd shut [the museum] down several weeks prior, because it is still an active execution chamber," said Republican assemblyman PK O'Neill. "We want to be, and we will be, respectful of that."

Since 1976, 12 people have been executed by the state. There are currently 83 people on Death Row.

More: <http://lei.sr?a=M7V8BA>

## Proposed underwater TV studio to be aquarium after 2022 World Cup

Qatari officials are looking into the possibility of building a first-of-its-kind underwater TV studio for use during the 2022 World Cup, after which it will be turned into a public aquarium.

Speaking to *Arabian Business* Patric Douglas, CEO of artificial reef and aquarium design firm Reef Worlds, revealed it is in the process of creating plans for a US\$30m (€27m, £19.3m) underwater broadcast studio, which will be housed inside a carved out area of rock on the ocean floor.

Douglas added that Qatar World Cup authorities liked the preliminary designs and also enjoyed "the notion



The studio be an underwater aquarium after the World Cup

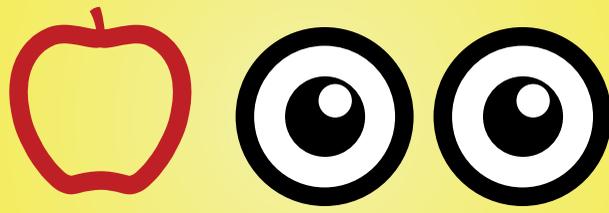
of doing the World Cup underwater with sharks swimming around."

Funding will be covered by broadcasters eager to use the unique filming location as a base when the emirate

hosts the World Cup in 2022, according to Douglas.

A decision on whether or not the project will become a reality will be made in July or August of this year.

More: [http://lei.sr?a=Y8A9x\\_A](http://lei.sr?a=Y8A9x_A)



**FOOD**  
for  
**CURIOUS**  
**MINDS**

ECSITE ANNUAL CONFERENCE  
TRENTO 11-13 JUNE 2015

# AM2

## DIARY DATES

7-10 JUNE 2015

### Theme Parks & Entertainment Development Summit

Abu Dhabi, UAE

Leading Middle East theme parks and waterpark project owners will be speaking at the first ever theme park and entertainment development summit. The event, organised by global events company IQPC Middle East, will be a unique opportunity for theme park developers and suppliers to discuss key strategies to develop world-class theme parks in the region through robust planning, innovative design and successful partnerships.

Tel: +97 143 642 975

[www.themeparksmee.com](http://www.themeparksmee.com)

11-13 JUNE 2015

### TEA - SATE Academy Day

Europa Park, Rust, Germany

The Themed Entertainment Association's (TEA) Europe and Middle East Division will hold a SATE (Storytelling, Architecture, Technology, Experience) Academy Day in June. Following the theme of storytelling, the member-only three-day event costs €50 (US\$54, £36).

Tel: +1 818 843 8497

Email: [SATE@teaconnect.org](mailto:SATE@teaconnect.org)

<http://lei.sr?a=x9i7J>

16-19 JUN 2015

### IAAPA Asian Attractions Expo

Hong Kong Convention and Exhibition Centre, Hong Kong, China

Join colleagues and industry leaders in Hong Kong for the premier conference and exhibition designed specifically for attractions professionals in the Asian market. Take your business to new heights with the knowledge, connections, and expertise you'll find at Asian Attractions Expo 2015 with visitors from more than 65 different countries.

Email: [iaapa@iaapa.org](mailto:iaapa@iaapa.org)

Tel: +1 703 836 4800

[www.iaapa.org](http://www.iaapa.org)



Last year's Ecsite Annual Conference took place at Museon in The Hague, Netherlands

11-13 JUNE 2015

### Ecsite Annual Conference Museo delle Scienze (MUSE), Trento, Italy

One of the sector's leading stages for showcasing research into public engagement with science.

The schedule revolves around more than 90 sessions, including talks by high-profile speakers, debates and workshops. There's also a trade show event with more than 50 exhibitors.

Tel: +32 2 649 7383

[www.ecsite.eu](http://www.ecsite.eu)

26 SEPTEMBER 2015

### MuseumNext Indianapolis Indianapolis Museum of Art, US

In September 2015, MuseumNext will come to the US for the first time, bringing with it exploratory talks on engaging visitors with new technology and industry trends.

Email: [europe@iaapa.org](mailto:europe@iaapa.org)

Tel: +43 22 162 915

[www.IAAPA.org/EAS](http://www.IAAPA.org/EAS)

6-8 OCTOBER 2015

### Euro Attractions Show 2015 Svenska Massan Exhibition Center, Gothenburg, Sweden

With innovative ideas and products from more than 425 exhibiting companies from around the world, join colleagues and industry leaders for the premier conference and exhibition designed specifically for international attractions professionals. Enter into an inspiring world of exhibits, seminars and networking events all with one of Europe's premier parks next door – Liseberg.

Email: [europe@iaapa.org](mailto:europe@iaapa.org)

Tel: +43 (0) 22 162 915

[www.IAAPA.org/EAS](http://www.IAAPA.org/EAS)

20-23 OCTOBER 2015

### World Waterpark Association Symposium & Trade Show Palm Springs Convention Center, California, US

The WWA's Annual Symposium & Trade Show brings together hundreds of water leisure owners, operators, developers, designers and manufacturers for four days of education, networking and exhibiting – the only event specifically for waterparks.

Email: [aezra@waterparks.org](mailto:aezra@waterparks.org)

Tel: +1 913 599 0300

[www.wwashow.org](http://www.wwashow.org)

16-20 NOVEMBER 2015

### IAAPA Attractions Expo 2015 Orange County Convention Center, Orlando, Florida, US

With more than 27,000 people in attendance, IAAPA 2015 is the premier conference and trade show for the global attractions industry. The event features new products from 1,000 exhibiting companies and includes a variety of educational sessions.

Email: [iaapa@iaapa.org](mailto:iaapa@iaapa.org)

Tel: +1 703 836 4800

[www.IAAPA.org](http://www.IAAPA.org)



June 18, 2015  
**The World's Largest  
 Swimming Lesson™**



# BECOME A WLSL HOST FACILITY!

Join the WLSL Team and help break the World Record  
 Thursday, 18 June 2015



More than **150,000,000**  
 life-saving media impressions  
 since 2010.

Join hundreds of aquatic facilities around the globe in setting a *Guinness World Record* for **The World's Largest Swimming Lesson**. This one day, turn-key event generates huge media exposure with a vitally important message for your community. Don't miss the chance for your facility to become a World Record holder and help spread the word *Swimming Lessons Save Lives*.



Register at <http://www.wsl.org/teach/>

# simworx<sup>®</sup>

## ROBOCOASTER<sup>®</sup>

The power to move you...



**IMMERSIVE TUNNEL - DYNAMIC SIMULATION ATTRACTIONS**

**4D EFFECTS CINEMA - ROBOCOASTER RCX - VIPER 360**

**3D/4D FILM CONTENT - AGV DARK RIDES - FLYING THEATRE**

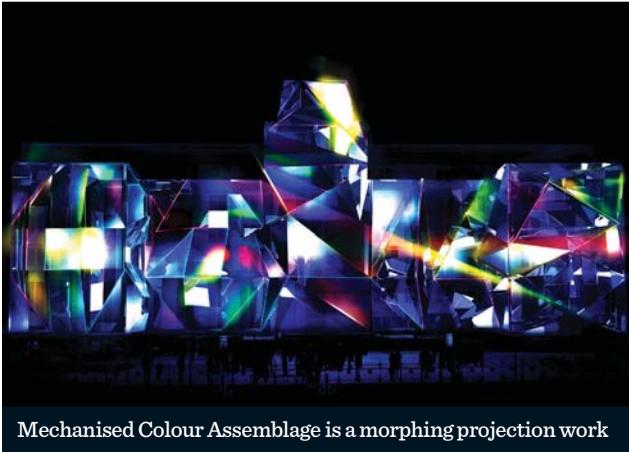
**[www.simworx.co.uk](http://www.simworx.co.uk)**



**Worldwide Head Office**

Simworx Ltd  
37 Second Avenue  
The Pensnett Estate  
Kingswinford  
West Midlands  
DY6 7UL  
United Kingdom

**W** [www.simworx.co.uk](http://www.simworx.co.uk)  
**E** [sales@simworx.co.uk](mailto:sales@simworx.co.uk)  
**T** +44 (0) 1384 295 733  
**F** +44 (0) 1384 296 525



Mechanised Colour Assemblage is a morphing projection work

**Danny Rose offers installation of sound and colour**

Paris-based art collective Danny Rose has created a large-scale digital installation at a festival of light, music and ideas in Australia.

Visitors to Vivid Sydney 2015 will be able to see, hear and experience true “synaesthesia” in the continuously morphing projection work, ‘Mechanised Colour Assemblage’, according to the group.

The art installation, which was developed in partnership with Australian artist Rebecca Baumann, will be projected onto the sandstone façade of the Museum of Contemporary Art Australia.

The 3D projection technology used for the installation is being supplied and supported by TDC – Technical Direction Company.



Opening day at the themed area in Kolmården Wildlife Park

**Jora Vision creates Bamse-themed area at animal park**

Jora Vision has created a fully themed world at Sweden’s Kolmården Wildlife Park, based on the popular comic book character Bamse.

Taking more than two years to design and build, the 22,000sq m (236,806sq ft) area opened on 1 May.

The Dutch company created all of the designs in the new area, in close collaboration

with Kolmården. The themed area features four attractions, a theatre with a Bamse show, a restaurant, a water play area and shops. A specialist team from Jora Vision worked on-site for over a year to construct the themed area.

The theming of the rides was co-ordinated with ride suppliers like Zierer, Zamperla and Metallbau Emmeln.



Children aged up to 12 can enjoy Empex’s new installation

**Simworx’s Dino Island coming to Langkawi, Malaysia**

Simworx has signed a deal to supply a dino-themed immersive tunnel to a cable car and adventure park attraction on the popular Malaysian island of Langkawi.

The attraction will be a 30-seater version of Simworx’s tracked tram ride, which will be accompanied by an original ride film called *Dinosaur Island*. The media-based ride manu-

facturer also makes 60, 90 and 120-seat versions of the ride.

The contract has been signed with Panorama Langkawi. Panorama Langkawi includes the island’s famous SkyCab cable cars, a sky bridge, 6D cinema and adventure park, amongst other attractions.

In the Simworx installation, a jeep-like ride takes visitors on an immersive 3D adventure.



Riders at a special preview run of Voyage to the Iron Reef

**Triotech dark ride opens at Knott’s Berry Farm**

Triotech’s largest media-based interactive dark ride – Voyage to the Iron Reef – has opened at California’s Knott’s Berry Farm theme park.

In the new Steam-punk-inspired ride, Triotech designed and deployed the projection and interactive gaming systems, as well as the content which allow guests to experience a 3D adventure

enhanced with 4D effects. Guests climb aboard four-person submarine-inspired ride vehicles and embark on a media-based gaming adventure. An interactive ‘freeze ray’ device is used to combat the Kraken Queen and other enemies. The ride features 600ft (183m) of track and eleven scenes featuring an array of special effects.

# Texas aquarium files lawsuit against supplier

Representatives for Texas State Aquarium, which recently lost more than a tenth of its fish after a lethal chemical was introduced to its tanks rather than a parasite treatment, have filed a lawsuit against the company that provided the mislabelled carcinogen.

The chemical – believed to have been trichlorfon – actually turned out to be hydroquinone, a toxic substance used primarily for film processing and as an additive for paint and motor fuel. The container came from Florida-based supplier Fishman Chemical, a wholesale outlet for tropical fish pharmaceuticals.

Attorney Craig Sico, with the firm Sico White Hoelscher Harris & Braugh, said the civil suit had been filed in federal court, with the aquarium seeking damages that could potentially amount to millions of dollars.

The problem reaches beyond Texas State Aquarium, with Albuquerque BioPark Aquarium also considering a lawsuit after it lost around 200 fish in October. Upon hearing the news of the mass death at Texas



Texas State Aquarium lost more than a tenth of its fish after the poison was introduced

State Aquarium, BioPark officials tested its trichlorfon container, discovering the batch which had killed the fish was also made up of hydroquinone. Sico said his firm is looking

into a total of five mass fish kills involving Fishman Chemical trichlorfon, the supplier has questioned the claims of mislabelling.

More: [http://lei.sr?a=C9F7n\\_A](http://lei.sr?a=C9F7n_A)



The walkway is the longest in Africa

## Record-breaking walkway Nigeria's latest attraction

The Nigerian Conservative Foundation (NCF) and the Lagos State Government (LASG) have teamed up to construct Africa's longest canopy walkway in an effort to boost tourism in the area.

The canopy walkway is 401m-long (1,315ft), 0.6m-wide (1.9ft) and sits 22.5m (73.8ft) above the jungle floor.

Lagos governor Babatunde Fashola said at the opening that the innovation was built to "keep tourism in the country" and to reduce outside spend and levels of foreign exchange.

More: [http://lei.sr?a=Q5B6b\\_A](http://lei.sr?a=Q5B6b_A)

## Disney Institute courses available for the first time in the state of Hawaii

The Disney Institute is bringing its professional development training programme to Hawaii at its Aulani, A Disney Resort & Spa property.

The resort and spa in Ko Olina, Oahu, will offer the same course available at Walt Disney World Resort in Florida and Disneyland Resort in California. With sessions taking place in September over three days, attendees will learn key business practices that have led the Walt Disney Company to become a worldwide brand across multiple sectors.

Three one-day courses will be available between 15 and 17 September. The first will



Disney Institute sessions are led by experts in their field

look at Disney's approach to leadership, while the second will look at selection, training and engagement. The final session on 17 September will look at the company's approach to quality service.

Each eight-hour session will include an instructor-led workshop, with an on-site experience taking participants out of the classroom and into the resort.

More: [http://lei.sr?a=h6r9s\\_A](http://lei.sr?a=h6r9s_A)

# TURN ON MEDIA-BASED ATTRACTIONS

AUDIO | VIDEO | SCREENS | LIGHTING | SHOW CONTROL | SFX

## AV SYSTEM INTEGRATION FOR:

- > 4D THEATRES / WATERPLEXX 5D
- > DARK RIDES
- > SUSPENDED THEATERS™
- > INVERTED POWERED COASTERS
- > FLYING THEATRES
- > 3D AND 2D DOMES
- > CIRCUMOTION THEATERS™
- > HYBRID DOME THEATRES
- > TUNNELS / VIRTUAL AQUARIUMS
- > IMMERSIVE TRAM RIDES
- > AND MANY MORE ...



Silver  
Sponsor



[www.kraftwerk.at](http://www.kraftwerk.at)

# Your Staff need love too!



## Could your business perform better?

Better people performance means better results for your business.

CREW training programmes will:

- Inspire great customer service
- Develop interactive talks and shows
- Enhance presentation skills
- Boost retail and FOH confidence
- Improve team morale



[www.crew.uk.net](http://www.crew.uk.net)

[info@crew.uk.net](mailto:info@crew.uk.net)

**0845 260 4414**

For more details on the following jobs visit [www.am2.jobs](http://www.am2.jobs) or to advertise call Julie on +44 (0)1462 471919



■ **Part-Time Cafe Assistant**

**Company:** Legacy Leisure  
**Location:** Newbury, UK

■ **General Manager**

**Company:** Continuum Group  
**Location:** Manchester, UK

■ **General Manager**

**Company:** Team Sport Karting  
**Location:** Various locations, UK

■ **Visitor Experience Manager**

**Company:** National Trust  
**Location:** Hereford, UK

■ **Retail and Ticketing Manager**

**Company:** National Marine Aquarium  
**Location:** Plymouth, UK

■ **Operations Manager**

**Company:** National Media Museum  
**Location:** Bradford, UK

■ **Bars and Events Manager**

**Company:** Planning Solutions Limited  
**Location:** Burton Upon Trent, UK

■ **General Manager**

**Company:** Team Sport Karting  
**Location:** London Docklands, UK

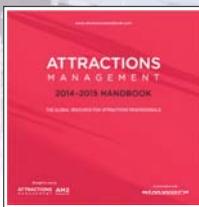
For more details on the above jobs visit [www.am2.jobs](http://www.am2.jobs)

# The Attractions Management Family



**Attractions Management magazine**  
[attractionsmanagement.com/magazine](http://attractionsmanagement.com/magazine)

Each issue available in print, on digital turning pages and as a PDF download



**Attractions Management handbook**  
[attractionsmanagement.com/handbook](http://attractionsmanagement.com/handbook)



**Attractions Management website**  
[attractionsmanagement.com](http://attractionsmanagement.com)



**Attractions Management ezine**  
[attractionsmanagement.com/ezine](http://attractionsmanagement.com/ezine)



**Attractions Management handbook website & archive**  
[attractionshandbook.com](http://attractionshandbook.com)



**AM2 magazine**  
[www.am2.jobs](http://www.am2.jobs)

Each issue available in print, on digital turning pages and as a PDF download



**attractions-kit.net product search engine**  
[attractions-kit.net](http://attractions-kit.net)



**Attractions Jobs website**  
[attractionsjobs.com](http://attractionsjobs.com)



**AM2 ezine**  
[www.am2.jobs](http://www.am2.jobs)

**Subscribe:**  
[leisuremedia.com/subs](http://leisuremedia.com/subs)

**Sign up for free digital editions and ezines:**  
[attractionsmanagement.com/green](http://attractionsmanagement.com/green)

**Tel: +44 (0)1462 431385**  
[www.leisuremedia.com](http://www.leisuremedia.com)

## JAZA prohibits Taiji dolphin hunts but denies drive fishing practice is 'cruel'

*Continued from front cover*

In a statement, the Japanese Association of Zoos and Aquariums (JAZA) has said the body will prohibit its members from acquiring wild dolphins caught by drive fishing in Taiji.

Speaking at a press briefing, JAZA chair, Kazutoshi Arai said after the member vote – which was won by an overwhelming majority – that the Japanese body does not regard the technique as “cruel” and that various aquariums and zoos will have to cooperate to promote proper breeding among Japan’s captive dolphins.



JAZA will no longer play a part in Taiji drive fishing

“The drive hunt is a sustainable fishing [method] under appropriate control by the government with scientific foundations, and is being carried out carefully so that dolphins are not hurt,” said Yoshihide Suga,

chief cabinet secretary for the Japanese government. Suga added that the government would be taking measures to “avoid any ramifications” for Japan’s aquariums.

*More: [http://lei.sr?a=k3X6s\\_A](http://lei.sr?a=k3X6s_A)*

## Hologram standups to perform at US\$18m National Comedy Center

The standup routines of legendary comedians could soon be brought back to life after the US’s National Comedy Center (NCC) announced plans for a new US\$18m (€16.1m, £11.6m) campus in Jamestown, New York State, which will include the world’s first and only hologram comedy club.

Masterplanned and designed by Jack Rouse Associates (JRA) and interactive specialists Local Projects, the NCC will look at comedians and contributors from across history, offering personally customised experiences featuring top names across the comedy industry.



Famous comedians will take to the stage in hologram form

Offering 35,000sq ft (3,251sq m) of attraction space, the centre will include a number of interactive experiences unique to the NCC.

Developed by Hologram USA, the virtual comedic

performances will use the same technology which brought back Tupac at Coachella in 2012. The centre is set to open in 2016, with work starting 1 August.

*More: [http://lei.sr?a=g8U2z\\_A](http://lei.sr?a=g8U2z_A)*

- American Association of Museums (AAM)**  
T: +1 202 289 1818 W: [www.aam-us.org](http://www.aam-us.org)
- Association of American Zoos & Aquariums**  
T: +1 301 562 0777 W: [www.aza.org](http://www.aza.org)
- Association of Art Museum Directors**  
T: +1 212 754 8084 W: [www.aamd.org](http://www.aamd.org)
- Association of Independent Museums (AIM)**  
T: +44 (0)1584 878 151 W: [www.aim-museums.co.uk](http://www.aim-museums.co.uk)
- Association of Leading Visitor Attractions (ALVA)**  
T: +44 (0)20 7222 1728 W: [www.alva.org.uk](http://www.alva.org.uk)
- Association of Science and Technology Centers (ASTC)**  
T: +1 202 783 7200 W: [www.astc.org](http://www.astc.org)
- Association of Scottish Visitor Attractions (ASVA)**  
T: +44 (0)141 229 0923 W: [www.asva.co.uk](http://www.asva.co.uk)
- Association of Zoos and Aquariums (AZA)**  
T: +1 301 562 0777 W: [www.aza.org](http://www.aza.org)
- Australian Amusement Leisure & Recreation Association (AALARA)**  
T: +61 7 3807 35 08 W: [www.aalara.com.au](http://www.aalara.com.au)
- European Association of Amusement Suppliers Industry (EAASI)**  
T: +39 0522 554 176 W: [www.eaasi.org](http://www.eaasi.org)
- European Association of Zoos and Aquaria (EAZA)**  
T: +31 20 520 07 50 W: [www.eaza.net](http://www.eaza.net)
- European Network of Science Centres and Museums (Ecsite)**  
T: +32 2 649 73 83 W: [www.ecsite.eu](http://www.ecsite.eu)
- Giant Screen Cinema Association (GSCA)**  
T: +1 919 346 1123 W: [www.giantscreencinema.com](http://www.giantscreencinema.com)
- Historic Houses Association (HHA)**  
T: +44 (0)20 7259 5688 W: [www.hha.org.uk](http://www.hha.org.uk)
- Indian Association of Amusement Parks & Industries (IAAPI)**  
T: +91 22 6523 1643 W: [www.iaapi.org](http://www.iaapi.org)
- International Association of Amusement Parks & Attractions (IAAPA)**  
T: +1 703 836 4800 W: [www.iaapa.org](http://www.iaapa.org)
- International Planetarium Society**  
T: +1 808 969 9735 W: [www.ips-planetarium.org](http://www.ips-planetarium.org)
- Irish Science Centres Awareness Network (ISCAN)**  
T: +353 (0)51 302 865 W: [www.iscan.ie](http://www.iscan.ie)
- Museums Australia**  
T: +61 2 6230 0346 W: [www.museumsaustralia.org.au](http://www.museumsaustralia.org.au)
- National Farm Attractions Network (NFAN)**  
T: +44 (0)1536 513 397 W: [www.farmattractions.net](http://www.farmattractions.net)
- NAVET**  
T: +46 (0)33 41 00 09 W: [www.navet.com](http://www.navet.com)
- Outdoor Amusement Business Association (OABA)**  
T: +1 407 681 9444 W: [www.oaba.org](http://www.oaba.org)
- The Aquarium & Zoo Facilities Association (AZFA)**  
Email: [rjf@tnaqua.org](mailto:rjf@tnaqua.org) W: [www.azfa.org](http://www.azfa.org)
- The Canadian Museums Association**  
T: +1 613 567 0099 W: [www.museums.ca](http://www.museums.ca)
- The Canadian Association of Science Centres (CASC)**  
T: +613 566 4247 W: [www.canadiansciencecentres.ca](http://www.canadiansciencecentres.ca)
- Themed Entertainment Association (TEA)**  
T: +1 818 843 8497 W: [www.teaconnect.org](http://www.teaconnect.org)
- World Waterpark Association (WWA)**  
T: +1 913 599 0300 W: [www.waterparks.org](http://www.waterparks.org)
- Zoo & Aquarium Association**  
T: +61 2 9978 4797 W: [www.zooaquarium.org.au](http://www.zooaquarium.org.au)