

**IPAF**  
**ElevAÇÃO**  
Um encontro nas alturas





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# II AI NU MUNDO

Romina Vanzi 

Head of Regional Development & MCWPs

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## atravessando 64 barreiras culturais

A cultura pode moldar nossa visão do mundo (... e da Seguran





# IPAF NO MUNDO

05-06 FEVEREIRO 2018

Romina Vanzi   
Head of Regional Development & MCWPs

## 15 Mineradores australianos despedidos por dançar o 'Harlem Shake'

Risco de segurança? Mau comportamento?

**safety hazard ?**

**misbehaviour ?**

Segunda-feira,  
4 de março de 2013

**theguardian**

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IPAF  
ElevAÇÃO

Por que a segurança é importante?



# IPAF AROUND THE WORLD IN 2017



## CANADA

New CSA standards on the safe use, design and



## UAE

IPAF saw significant growth in membership and training demand was also up, with IPAF-approved Training Centres able to deliver courses in Hindi for the first time. The third annual IPAF Middle-East Convention was held in Abu Dhabi.

## MALAYSIA

IPAF hosted a MEWP safety workshop in Sarawak in association with Master Builders Association Malaysia.

IPAF HAD A TOTAL OF **1,347**  
MEMBERS FROM **64** COUNTRIES

**1347** MEMBROS

**64** PAISES



## Gold Sponsors



## Silver Sponsors



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SOUTH KOREA  
SPAIN  
SWEDEN  
SWITZERLAND

TAIWAN  
THAILAND  
TUNISIA  
TURKEY  
UAE  
UK &  
THE CHANNEL ISLANDS  
USA  
URUGUAY  
VIETNAM  
ZAMBIA

# De Algeria a Zambia

### DENMARK

IPAF approved its first Training Centre in Denmark, with official training being delivered by a member in Odense, driven by demand for PAL Cards from a major international construction project. This became the first location in the entire Nordic region delivering IPAF MEWP training.

### POLAND

Poland has a rapidly growing powered access market, and IPAF welcomed its first training member here when a member firm opened a Training Centre in Rawa Mazowiecka. IPAF also hosted its 2017 Europlatform event in Warsaw.

# IPAF AROUND THE WORLD IN 2017



- ALGERIA
- ARGENTINA
- AUSTRALIA
- AUSTRIA
- BAHRAIN
- BELGIUM
- BRAZIL
- BULGARIA
- CANADA
- CHILE
- CHINA
- COLUMBIA
- CZECH REPUBLIC
- DENMARK
- ECUADOR
- FINLAND
- FRANCE
- GERMANY
- JORDAN
- HONG KONG SAR
- HUNGARY
- ICELAND
- INDIA
- INDONESIA
- IRAN
- IRAQ
- IRELAND
- ITALY
- JAPAN
- KUWAIT
- LATVIA
- LEBANON
- LIECHTENSTEIN
- MALAYSIA
- MEXICO
- MOROCCO
- MYANMAR
- NETHERLANDS
- NEW ZEALAND
- NORWAY
- OMAN
- PERU
- POLAND
- PORTUGAL
- QATAR
- ROMANIA
- RUSSIA
- SAUDI ARABIA
- SINGAPORE
- SLOVENIA
- SOUTH AFRICA
- SOUTH KOREA
- SPAIN
- SWEDEN
- SWITZERLAND
- TAIWAN
- THAILAND
- TUNISIA
- TURKEY
- UK & THE CHANNEL ISLANDS
- USA
- URUGUAY
- VIETNAM
- ZAMBIA

## De Algeria a Zambia

### CANADA

New CSA standards on the safe use, design and training of MEWPs was launched in May 2017. IPAF also delivered the first ever French-language instructor training in the Quebec region of Canada.

### UK & IRELAND

As in Germany, the IPAF Rental Market Report showed the MEWP rental market outstripped wider construction growth – by three to one in the UK.

For the first time Ireland held a members' meeting outside Dublin, in Athlone. IPAF's Europlatform event is also set for Belfast, in 2018.

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### USA

IPAF Regional Manager Tony Groat was closely involved in drafting new ANSI Standards, and in October IPAF also hosted a well attended members' meeting and networking event to coincide with the ALH Summit and Awards in Miami, Florida.

### MEXICO

Mexico and Latin America present a real growth opportunity for IPAF, and in 2017 Diego Bustamante was appointed as an IPAF representative in the region. Based in Mexico City, Diego supports IPAF's activities in the Southern US as well.

### BRAZIL

Brazil started to show strong signs of growth in the MEWP rental market in 2017. This followed several years during which the market contracted significantly owing to economic and political uncertainty and a stagnating construction sector.

### FRANCE

IPAF accepted new training members in France in 2017 and attended the JDL event in Beune. Romina Vanzi, IPAF's Head of Regional Development, and Christine Leil, IPAF's Global Support Co-ordinator, attended a health & safety symposium hosted by Total.

### GERMANY

IPAF had a very active events calendar in the country in 2017, organising TABS in Gaggenau, and appearing at A+A health & safety event in Düsseldorf, while Andy Access made his debut at the Platformers' Days event in Hohenroda.

### ITALY

A busy year for IPAF's Italian members, appearing at SAMOTER2017, a series of seminars in Verona covering such topics as the development of the EN280 safety standard, and attending the sixth edition of the Italian Lifting Days (GIS) event in Piacenza.

### RUSSIA

Romina Vanzi, IPAF's Head of Regional Development, presented at the RUS-Rental Eurasian Rental (ERF) forum in Moscow in October. IPAF CEO Tim Whiteman also gave an interview to Russian Rental magazine.

### CHINA

As the powered access market grows exponentially, IPAF participated in three major events in China: BICES 2017 in Beijing, APEX Asia in Shanghai and hosting the hugely successful IPAF Asia Conference in Changsha, Hunan, which attracted a record turn-out for the event.

### UAE

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 1347 MEMBROS  
 64 PAISES



## OBJETIVOS PRINCIPAIS DA IPAF



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



APOIAR OS SEUS MEMBROS

ZELAR PELA SEGURANÇA DO SETOR

FOMENTAR AS BOAS PRÁTICAS NOS TRABALHOS EM ALTURA

FOMENTAR A FORMAÇÃO

MELHORAR A LEGISLAÇÃO EM VIGOR

© IPAF

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# atravessando 64 barreiras culturais

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Por que a segurança é importante?



**safety hazard ?**

**misbehaviour ?**



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Até 15 miners foram demitidos por realizar a mania de dança "Harlem Shake" subterrânea em uma mina de ouro australiana, de acordo com relatórios.

O jornal da Oeste da Austrália disse que os mineiros perderam seus salários de seis figuras sobre o golpe na Mina de Ouro Agnew na semana passada.

Uma carta de demissão citada pelo jornal diz que o dono da mina, Barminco, considerou o golpe **um problema de segurança**. Barminco não respondeu imediatamente a um pedido de comentário na segunda-feira.

Um vídeo do YouTube mostra oito mineiros que realizam a dança convulsiva. Um trabalhador despedido que não daria o nome dele disse ao jornal que até 15 pessoas foram demitidas, incluindo alguns que assistiram ao desempenho, mas não participaram.

Gold Sponsors



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# Por que a segurança é importante?

por que o treinamento é importante?

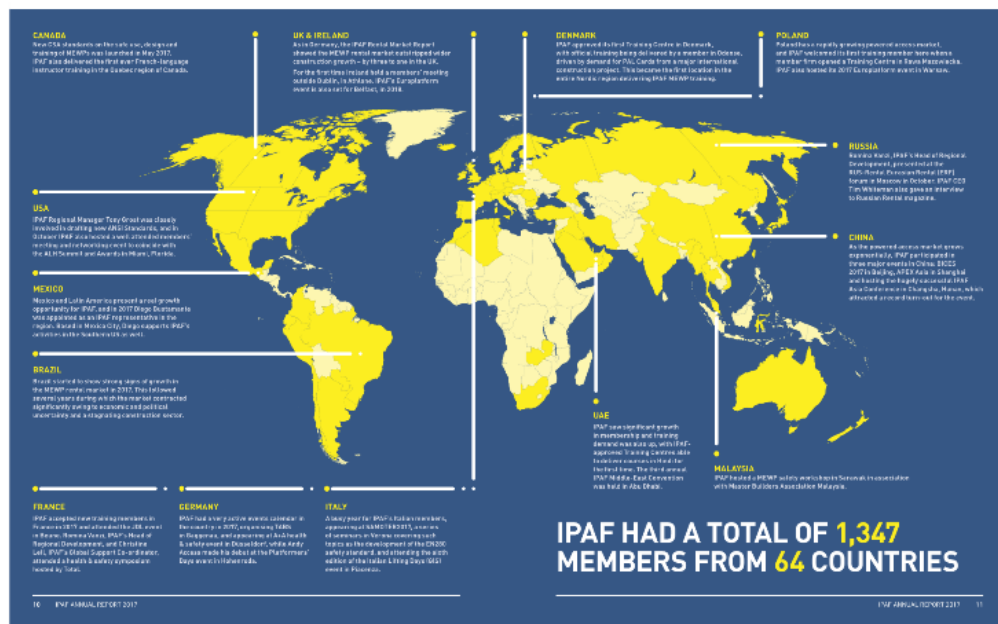
salvar  
vidas

salvar  
o  
equipamento

cumprir  
reglamentos

é  
negócio

# 64 Barreiras culturais para superar



O QUE É IMPORTANTE QUANDO QUERER ENTREGUE UMA MENSAGEM INTERNACIONALMENTE?

A mensagem deve ser:

- Feita sob medida
- Traduzida
- Localizada



As fronteiras dos países não são as únicas barreiras



# Materiais de Treinamento



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





# As fronteiras dos países não são as únicas barreiras

Todas essas pessoas falam o mesmo idioma?



- Gerentes
- Empreiteiros
- Instituições
- Inspetores
- Operadores

# mesma mensagem, formato diferente



**ATTACH YOUR LANYARD**

ALWAYS ATTACH THE LANYARD IN BOOM TYPE MACHINES

www.ipaf.org



**It's your life Wear a harness!**

Provided access to a safe way of working at height, to why take a risk by not wearing a full body harness when using boom type platforms?

There is a real risk of serious injury or death from being catapulted out of the basket.

You may not be in any position to avoid sudden movement of the basket.

Full correct use of a harness can prevent you from being thrown out.

Don't risk the catapult effect!

Wear a full body harness with a short lanyard in boom type platforms

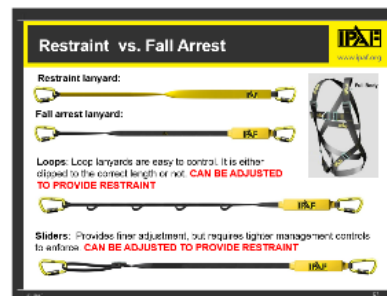
www.ipaf.org



**Clunk Click!**

Wear a full body harness with a short lanyard in boom type platforms

For full information about the correct use of harnesses on platforms, please obtain technical guidance note H1 from IPAF. Tel: 012350 62444 www.ipaf.org

**Restraint vs. Fall Arrest**

**Restraint lanyard:**

**Fall arrest lanyard:**

**Loops:** Loop lanyards are easy to control. It is either clipped to the correct length or not. **CAN BE ADJUSTED TO PROVIDE RESTRAINT**

**Sliders:** Provides finer adjustment, but requires tighter management controls to enforce. **CAN BE ADJUSTED TO PROVIDE RESTRAINT**



**Fall Protection in Mobile Elevating Work Platforms**

Technical Guidance Note H1

Vertical Lifts

www.ipaf.org





# ATTACH YOUR LANYARD



**ALWAYS ATTACH THE LANYARD  
IN BOOM TYPE MACHINES**

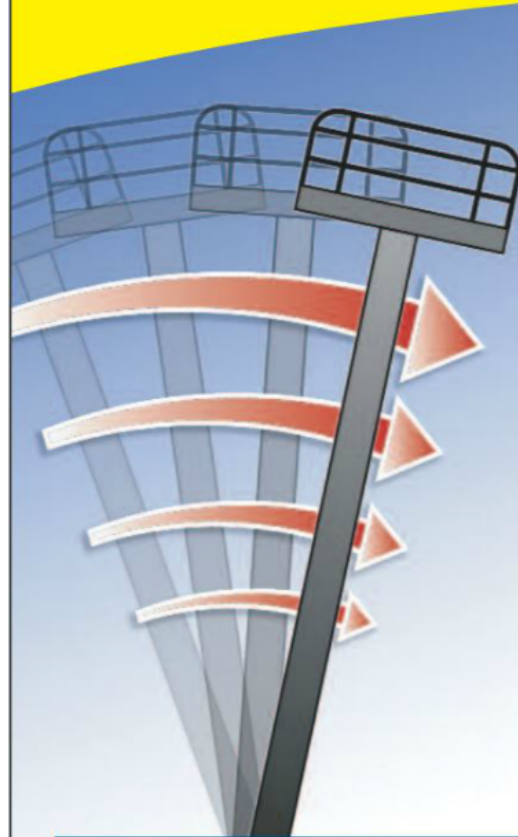


THE WORLD AUTHORITY IN POWERED ACCESS

[WWW.IPAF.ORG/ANDYACCESS](http://WWW.IPAF.ORG/ANDYACCESS)

Ref. A1 UK12/15

# It's your life Wear a harness!



**Don't risk the  
catapult effect!**

**Powered access is a safe way of working at height.**

**So why take a risk by not wearing a full body harness when using boom-type platforms?**

**There is a real risk of serious injury or death from being catapulted out of the basket.**

**You may not be in any position to avoid violent movement of the basket.**

**But correct use of a harness can prevent you from being thrown out.**

Clunk Click is a worldwide campaign to encourage all users of boom type platforms to wear a full body harness with a short lanyard.

It was started in the UK by the Powered Access Interest Group (PAIG), a joint committee of the Construction Plant-hire Association and the International Powered Access Federation.

Clunk Click stickers for booms can be ordered by calling +44 (0)1271 374209. Artwork can be obtained from IPAF on +44 (0)15395 66700.

**[www.ipaf.org](http://www.ipaf.org)**



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in boom type platforms**

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You Tube

# Restraint vs. Fall Arrest



www.ipaf.org

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## Technical Guidance

Technical Guidance Note  
H1/08/12 on:

# Fall Protection in Mobile Elevating Work Platforms

## Boom Type Platforms

When working from a boom type Mobile Elevating Work Platform (MEWP), it is strongly recommended that a full body harness with an adjustable lanyard be used to provide work restraint. The lanyard should be adjusted to be as short as possible and may contain an energy absorbing device.

This includes Static Booms (1b) and Mobile Booms (3b).



## Vertical Lifts

It is not normally necessary for personnel working from a vertical lift to wear fall protection equipment, other than in exceptional circumstances.

This includes Static Verticals (1a), Mobile Verticals (3a), Push Around Verticals (PAV) and Mast Climbing Work Platforms (MCWP).

The need for a fall protection system will be the outcome of a job specific risk assessment undertaken prior to work commencing and taking into consideration the manufacturer's operators' manual.







The world authority  
in powered access

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用中文 (表达) [www.ipaf.org/cn](http://www.ipaf.org/cn)

## ANNUAL REPORT 2017



# IPAF MILESTONES



## NEW ROLES BOOST IPAF AROUND THE GLOBE

The new year sees several staff take up post, with Jur Kamsteeg and Corinne Kooijman, *pictured right*, taking over the running of the Benelux region. IPAF's previous Benelux Representative, Hans Aarse, moves to a new role developing markets in eastern Europe. In the UK, Matt Brereton takes up the role of Communications Manager.

In the US, IPAF members are encouraged to respond to the next stage of the public review on the proposed ANSI Suite of Standards, while a new standard concerning the safe use of MEWPs is also introduced in Singapore, where a new IPAF Council is also constituted, *pictured below right*.

## JANUARY





## ELEVAÇÃO 2017 ATTRACTS A RECORD TURNOUT

In Sao Paolo, Brazil, IPAF's ElevAÇÃO event is a success with more than 150 delegates in attendance for the two-day conference and instructors' PDS event. Romina Vanzi, IPAF's Head of Regional Development, *pictured above right*, is among the speakers.

John Garrison Jr, President & CEO of Terex Corporation, Steve Radcliffe, Managing Director of Clugston Construction and Yanna Zhang, chair of the China Construction Industry Association's Rental Branch, *pictured below*, are confirmed as speakers for the 2017 IPAF Summit, on 4 April at the Hilton London Wembley.

Following a tough final judging session in Amsterdam, Netherlands, the shortlist for all categories of the International Awards for Powered Access (IAPAs) is also announced.



**FEBRUARY**

INDUSTRY

## IPAF BRINGS SAFETY TRAIL TO LAS VEGAS

IPAF's Lift Safety Zone at Conexpo in Las Vegas, US, debuts a "back to basics" safety trail using real-life MEWPs to demonstrate at-risk scenarios including: Unsafe ground; avoiding entrapment; avoiding electrocution; preventing unauthorised access; risk assessment; and pre-use inspections. IPAF also offers a comprehensive white paper on the forthcoming ANSI and CSA standards.

A campaign to attract new members co-ordinated by IPAF's new Turkey Representative Burcu Ünal sees membership grow by around 75% in a single year. Meanwhile ISO 18878 "Mobile Elevating Work Platforms – Operator (driver) training" is published by the Turkish Standards Institution.

The Italian language magazine *IPAF-Infoma* is published in print and digital versions.



## NEW IPAF PRESIDENT ADDRESSES SUMMIT

Nick Selley of AFI-Uplift is IPAF's new President, taking over from Andy Studdert for a two-year term at the IPAF Council AGM in London, UK, *pictured right*. He uses his inaugural address to call for the industry to create more apprenticeships. Brad Boehler, President of Skyjack, is elected as Deputy President and Riwal's Norty Turner as Vice President.

In total more than 450 industry professionals gather for the annual IPAF Summit and to honour the winners of the 2017 IAPAs at a gala event hosted by TV sport presenter John Inverdale. Among many worthy winners, *pictured below right*, Roger Bowden Chairman and founder of Niftylift UK, receives a Lifetime Achievement Award.

The following day IPAF delegates join escorted tours of Wembley Stadium, the redevelopment and maintenance of which involves extensive and innovative use of powered access equipment.



APRIL



# IPAF MILESTONES



## IPAF DEBUTS MEWP CONTROLS RESEARCH

APEX 2017 at the RAI centre in Amsterdam, Netherlands, is the perfect venue for IPAF to debut a MEWP controls test rig aimed at collecting data to assist with a long-running project aimed at standardising some MEWP controls, *pictured top right*.

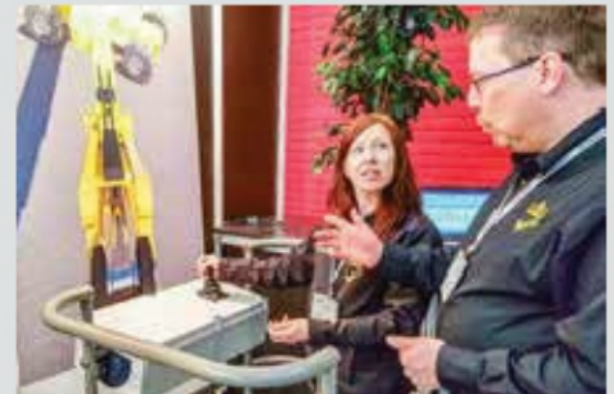
Paul Roddis takes up post as IPAF's new Training Manager and is based in the UK office.

The *IPAF Journal* German-language magazine is published.

The Vertical Days event at Silverstone racetrack in the UK sees the launch of new MEWP safety guidance drafted by IPAF.

There are two new starters in IPAF's Singapore-based south-east Asia team, with Amanda Tan, *pictured right with Raymond Wat*, and Morgan Chang joining to support the upcoming IPAF Asia Conference in Changsha, China, as well as rapidly expanding membership and training demand in South Korea, China and Japan.

## MAY





## ASIA CONFERENCE SIGNS MASS HARNESS PLEDGE

More than 300 delegates from across Asia and further afield use their attendance at the IPAF Asia Conference in Changsha, China, to affirm their commitment to safety in the powered access industry by signing a pledge to equip all operators of boom-type MEWPs with an appropriate safety harness.

IPAF takes a stand for the first time at the popular Suisse Public municipal safety expo in Bern, Switzerland. Visitors are invited to test their knowledge in IPAF's "back to basics" safety trail.

IPAF also engages a web design agency to deliver a new global **www.ipaf.org** website that is set to go live early in 2018.

The turn-out is a record for the IPAF Asia Conference, *pictured right*, and delegates are also offered a chance to visit a Sinoboam assembly plant on the morning after the conference.



JUNE

## IPAF MEMBERS OFFER HELP TO LONDON MAYOR

Tim Whiteman, CEO of IPAF, writes to Mayor of London Sadiq Khan, *pictured right*, to express members' wishes to work with the emergency services in the wake of the Grenfell Tower fire. The tallest access platforms operated by the London Fire Brigade reach up to 32 metres; Grenfell Tower is 67 metres tall. The letter points out there are IPAF members in and around London with platforms that can reach up to 90 metres, and offers use of this specialist equipment and training support in future.

Chris Wraith, IPAF Technical & Safety Executive, is honoured by the Royal Society for the Prevention of Accidents (RoSPA) in the UK for creating the Andy Access character and associated safety messages. Tim Whiteman, CEO of IPAF, says: "This award is well-deserved recognition for IPAF's team."

IPAF's latest *Annual Global Powered Access Rental Market Report* is also published, having been compiled once again by business intelligence specialist Ducker Worldwide.

[www.ipaf.org/reports](http://www.ipaf.org/reports)



Placeholder

## FATALITIES DECLINE AS RENTAL DAYS RISE

The fatal injury rate (FIR) for MEWPs declined in 2016, despite the fact that the total MEWP rental fleet and number of rental days worldwide increased significantly.

The data, exclusively collated by IPAF, indicate that in 2016 there were 66 reported fatalities involving MEWPs worldwide, compared to 68 deaths in 2015. During the same period, the size of the global MEWP rental fleet rose from an estimated 1.17 million units at the end of 2015 to 1.25m estimated at the end of 2016.

All manufacturers, rental companies, contractors and users should report any known accidents involving MEWPs and MCWPs at [www.ipaf.org/accident](http://www.ipaf.org/accident)

IPAF's *Elevating Safety* magazine is published, and distributed with copies of *Equipment Today* and *Rental* magazine to more than 150,000 readers in North America.

The latest posters in the Andy Access safety series – Danger, keep well clear; Do not jump out of the platform; and Register pre-owned machines are launched.

[www.ipaf.org/AndyAccess](http://www.ipaf.org/AndyAccess)





# IPAF MILESTONES



## POLISH CAPITAL HOSTS EUROPLATFORM 2017

Pierre Saubot, Chairman of Haulotte, delivers the event's keynote address at the Warsaw Marriott in Poland. Other highlights include Phil Godding and Ignacy Puzkiewicz of JLG Industries covering new technologies including robotics, and Martin Vögtli, *right*, owner of Swiss powered access companies, explaining why the industry must reduce its carbon footprint. Jim Colvin, CEO of Serious Labs Inc, *left*, gives a fascinating presentation on the possibilities of virtual reality and platform simulators.

## SEPTEMBER





## APPOINTMENTS BOLSTER GROWING GLOBAL TEAM

Richard Whiting joins from the Hire Association Europe as IPAF's new UK Market General Manager. James Firth and Katrin Blau bolster the UK audit team and Diego Bustamante is appointed as a representative for Mexico and southern US. Rafael Duyos takes over from José Manuel Mayo as IPAF's Spain Representative, and Angel Ibañez is IPAF's first Global Representative for MCWPs. IPAF announces Andrew Delahunt, *pictured right*, will be Director of Technical & Safety, replacing Chris Wraith, who stepped down in September.

Andy Access, IPAF's safety mascot, makes a first public appearance at Vertentes e Desafios da Segurança (VDS), Portugal's leading health & safety expo, *pictured right*. EU-OSHA representative Emília Telo is impressed and expresses a desire for the organisation to collaborate more closely with IPAF.

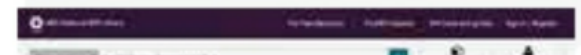
IPAF is represented at the ALH Summit and Awards in Miami, US, the "back to basics" safety trail is a hit at Giornate Italiane del Sollevamento (GIS) in Piacenza, Italy, and IPAF's stands at the A+A event in Düsseldorf, Germany, and inaugural APEX Asia in Shanghai, China, are very well attended.



# OCTOBER

MEWPS NOW AVAILABLE

Hans Aarse reitres from IPAF to





## ABU DHABI HOSTS IPAF MIDDLE EAST CONVENTION

Held for the first time in Abu Dhabi, UAE, the third IPAF Middle East Convention offers a line-up of speakers including: Phil Jones, Service Manager for JLG, and Sharbel Kordahi, Managing Director of Genie Terex. Jason Woods, IPAF's Middle East Representative, signs a memorandum of understanding with OSHAD, the Abu Dhabi Health & safety body, during the event.

A council of representatives and experts from across the powered access industry applies to the IPAF

Board for recognition as the official IPAF administrative region council for Hong Kong.

The total number of IPAF PAL Cards issued since the programme began surpasses the 1.5 million mark. By the end of 2017, there are over 720,000 valid PAL Cards in circulation.

IPAF welcomes the updated British Standards regarding the safe use of MEWPs and MCWPs. The new British Standards 8460 and 7981 supersede the 2005 and 2002 versions respectively and include guidance on risk assessments, familiarisation and rescue plans.

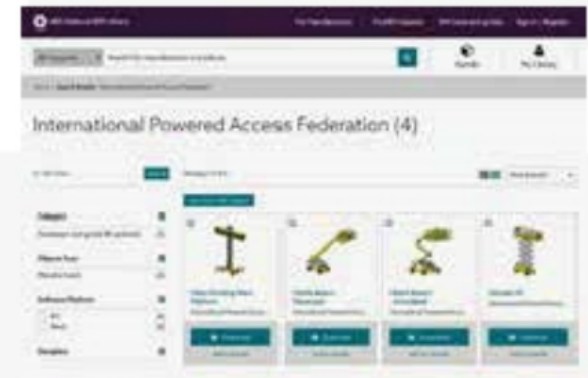
## MEWPS NOW AVAILABLE IN GLOBAL BIM LIBRARY

IPAF has four virtual MEWP and MCWP models accepted into the UK-based National BIM Library for use in 3D modelling projects, *pictured top right*. More are in development.

IPAF President Nick Selley and UK General Market Manager Richard Whiting begin work with a new all-party working group of UK MPs led by Alison Thewliss, whose aim is to cut workplace fatalities caused by falls from height.

Hans Aarse retires from IPAF to spend more time with his family. Throughout the past year he has made great strides developing markets in eastern Europe, with new members and training in countries including Poland, Czech Republic, Slovenia and Serbia.

The IPAF end-of-year staff conference takes place in Cumbria, UK. The three-day meeting is an opportunity for IPAF staff, representatives and board members to get together, to hold industry discussions and to network, *pictured right*.



# DECEMBER

sation and rescue plans.

FOR MORE INFO SEE [WWW.IPAF.ORG/EVENTS](http://WWW.IPAF.ORG/EVENTS)



The essential access industry event

CREATED & ORGANISED BY



March 8, 2018 - MIAMI USA



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