













ORGANISED BY **CANSO**

CANSO - the Civil Air Navigation Services Organisation - is the global voice of air traffic management (ATM) worldwide. CANSO Members support over 85% of world air traffic. Members share information and develop new policies, with the ultimate aim of improving air navigation services (ANS) on the ground and in the air. CANSO represents its Members' views to a wide range of aviation stakeholders, including the International Civil Aviation Organization (ICAO), where it has official Observer status. CANSO has an extensive network of Associate Members drawn from across the aviation industry.



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Join the discussion #CANSOapac2018



HOSTED BY **AEROTHAI**

Aeronautical Radio of Thailand Limited (AEROTHAI) is a State Enterprise under the Ministry of Transport. With the consent of the Royal Thai Government, a group of airlines founded AEROTHAI in 1948 to provide air navigation services for airline operations. In 1963, the Government acquired the majority of the Company's share capital from the founding airlines thereby altering the Company's status to that of a State Enterprise.

AEROTHAI operates with a commitment to maintain a quality of air navigation services in accordance with international standards and to upgrade technology and human resources with the goal to enhance national capacity and develop the aviation industry in Thailand. In addition, the Company also provides related services, including:

- Providing communication equipment for air transportation operations at airports within Thailand and overseas.
- Designing, manufacturing, and installing customized communication equipment.

- Carrying out consultancy and training in air traffic control, aeronautical telecommunications, and engineering.
- Installing and maintaining communication equipment for domestic and international organisations.

Furthermore, AEROTHAI emphasizes enhancing the infrastructure for the air navigation service to support the ICAO Global Air Navigation Plan and the air traffic growth, improving air traffic flow management regional network to harmonize with the global network as well as enhancing airspace capacity and utilization according to the concept of Flexible Use of Airspace (FUA); all contribute to the provision of services that meet customers' needs.



SPONSORED BY **AIREON**

Aireon is deploying a space-based air traffic surveillance system for ADS-B equipped aircraft throughout the entire globe. Aireon will harness next-generation aviation surveillance technologies that are currently ground-based and, for the first time ever, extend their reach globally to significantly improve efficiency, enhance safety, reduce emissions and provide cost savings benefits to all stakeholders. Realtime ADS-B surveillance will cover oceanic, polar and remote regions, as well as augment existing groundbased systems that are limited to terrestrial airspace. In partnership with leading ANSPs from around the world, like NAV CANADA, ENAV, NATS, the Irish Aviation Authority (IAA) and Naviair, as well as Iridium Communications. Aireon will have an operational, global, space-based air traffic surveillance system in 2018.









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Jeff Poole,
Director General,
CANSO

Dear colleagues,

Welcome to the CANSO Asia Pacific Conference 2018 – the annual event for ATM influencers and innovators in the region.

The theme of the conference is 'Charting the Course of ATM in the Asia Pacific'. We will take a close look at the current economic, political and operational context which is shaping air traffic management, and consider the tools and tactics that will enable the region to continue to provide safe, flexible air traffic management.

Air traffic within Asia Pacific is growing at a rapid pace, with the region poised to become the world's largest air traffic market by 2022. In January this year, civil aviation Ministers in the region issued the Beijing Declaration – an agreement which highlighted the pressing need to address rising capacity demand and called for the industry to collaborate on the development of safe, sustainable civil aviation in the region.

From in-depth panel sessions with a range of industry experts to an Aireon ADS-B workshop, we will explore during the conference how ANSPs can meet such rapidly growing demand; including which tools and technologies are available and the safeguards necessary for maintaining safe, secure and seamless operations.

You have the opportunity to discuss these key issues with fellow air navigation service providers and suppliers to the industry, and to find out about the latest ATM innovations within the exhibition area. I hope you make the most of these opportunities to listen, learn, share and connect. I believe that the CANSO Asia Pacific Conference provides valuable momentum in determining the future of ATM within the region.

I would like to thank the conference host AEROTHAI, lead sponsor Aireon, and our other sponsors and exhibitors for supporting this event, and wish you a productive and very pleasant time in Bangkok.

Sincerely,

Jeff Poole Director General CANSO





THURSDAY 7 JUNE 2018



08:30-09:00

Registration for Safety and Operations Workgroups Meeting

O Foyer, Level 2, Athenee Tower



09:00-17:00

Safety and Operations Workgroups Meeting Closed Meeting

O London 1 and 2, Level 2, Athenee Tower



FRIDAY 8 JUNE 2018

08:30-09:00

Registration for APC3 CEO Strategy Workshop

O Foyer, Level 2, Athenee Tower

09:00-12:30

APC3 CEO Strategy Workshop Closed Meeting

O London 1 and 2, Level 2, Athenee Tower

13:00-13:30

Registration for Space Based ADS-B: The ANSP Path to Operations Workshop

O Foyer, Level 2, Athenee Tower

13:30-16:30

Space Based ADS-B: The ANSP Path to Operations Workshop

O London 1 and 2, Level 2, Athenee Tower

Sponsored and hosted by



17:30-18:00

Speakers' Briefing Closed Meeting

Princess Valaya Drawing Room, Level 2, Hotel Building

18:00-19:00

Pre-registration for CANSO Asia Pacific Conference 2018

• Foyer, Level 4, Hotel Building

19:00-21:00

Welcome Reception

• Kandhavas Place, Level 4, Hotel Building





SATURDAY 9 JUNE 2018



08:00-09:00

Conference Registration

• Foyer A, Level 3, Athenee Tower



08:00-09:00

Welcome Coffee

O Foyer A, Level 3, Athenee Tower



09:00-18:00

CANSO Asia Pacific Conference 2018

O Crystal B, Level 3, Athenee Tower



09:00-18:00

Exhibition

O Crystal A, Level 3, Athenee Tower



19:00-21:00

Gala Dinner

Please meet in The Athenee Hotel Lobby for an 18:30 departure.

• AEROTHAI Headquarters





SUNDAY 10 JUNE 2018



09:00-16:00

Cultural Programme Introduction – The Thai way of life

Please meet in The Athenee Hotel Lobby for a 09:00 departure. Pre-booking during online registration is required.

Sampran Riverside





















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Space Based ADS-B: The ANSP Path to Operations Workshop

• London 1 and 2, Level 2, Athenee Tower



Dr. Olumuyiwa Benard Aliu, President of the Council of ICAO, said during World ATM Congress 2018 that "Space-based ADS-B holds the promise of eradicating nearly all surveillance transitions by serving as a truly global surveillance solution. It will largely redefine the way modern ATM functions and deliver associated efficiency and emissions-reduction advantages."

Aireon will host a workshop that will provide ANSP leaders with an open discussion forum regarding space-based ADS-B. Current customers will be onsite to delve into benefit analysis, regulatory requirements, technical implementation and utilising the technology for ATS surveillance. This will be more than an overview of the service, but rather a path to operational implementation and how this new technology will shape the future of air traffic surveillance.

Topics will include:

- Experiences from launch customers
 - Benefit case analysis
 - Why did they choose this capability?
 - What are the challenges?
- Regulatory requirements
- Technical implementation
- Using space-based ADS-B as an operating ATS surveillance
 - How can the global space-based ADS-B community work together to make best use of this capability across borders and regions?

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SATURDAY 9 JUNE 2018

08:00-09:00

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08:00-09:00

Welcome Coffee

• Foyer A, Level 3, Athenee Tower



09:00-18:00

Exhibition

Orystal A, Level 3, Athenee Tower

09:00-10:10

Opening Address

Crystal B, Level 3, Athenee Tower

Speakers:

- Mr. Jeff Poole, Director General, CANSO
- Mrs. Onurai Komain, Acting President, AEROTHAI
- Mr. Arun Mishra, Regional Director, ICAO Asia Pacific Office
- Mr. Kevin Shum, Director-General, CAAS and Chair, Asia Pacific CANSO CEO Committee (APC3)

10:10-10:40

Networking Break

Orystal A, Level 3, Athenee Tower

Sponsored by

NORTHROP GRUMMAN

10:40-11:30

ATM Modernisation in China - Vision and Strategy

Orystal B, Level 3, Athenee Tower

Special Guest Speaker:

• Mr. Che Jinjun, Director General, ATMB/CAAC

Facilitator:

• Mr. Hai Eng Chiang, Director Asia Pacific Affairs, CANSO

11:30 -13:00

Shaping the Future of Asia Pacific ATM

O Crystal B, Level 3, Athenee Tower

In a landmark declaration issued in Beijing on 1 February 2018, civil aviation ministers of the Asia Pacific region jointly committed to strengthening aviation safety, air navigation services, accident investigation and human resource development. As a vital part of the aviation value chain, ANSPs have a critical role to play in shaping the future of aviation in the region as envisioned by the ministers. Will the world's largest aviation market see an era of safe and sustainable air traffic growth or will it see congestion and gridlock in the skies? What should the region's ATM strategy be beyond technology and how should ANSPs of the region individually and collectively respond to this challenge?

Panelists:

- Mr. Arun Mishra, Regional Director, ICAO Asia and Pacific Office
- Ms. Teri Bristol, COO FAA/ATO and Chair, Executive Committee, CANSO
- Mr. Blair Cowles, Regional Director Safety and Flight Operations, IATA
- Capt. Amornvaj Mansumitchai, Deputy President, IFALPA

Facilitator

• Mr. Hai Eng Chiang, Director Asia Pacific Affairs, CANSO

13:00-14:00

Lunch

Crystal A, Level 3, Athenee Tower

14:00-15:30

Rising to the Challenges in Asia Pacific ATM

O Crystal B, Level 3, Athenee Tower

The top 10 busiest air routes and almost half of the world's top 20 airports for passenger and cargo traffic are in the Asia Pacific region. With economic growth and rising affluence leading to an increase in passenger numbers and aircraft movements, the region faces the prospect of capacity crunch unless ANSPs here are able to address this challenge. Many ANSPs are building their infrastructure and internal ATM capabilities while others have gone beyond their borders in search of innovative solutions and collaboration with neighbours and industry partners. What are the challenges and success factors as ANSPs in Asia Pacific work to improve safety, efficiency and keep capacity ahead of demand?

Panelists:

- Dr. Guruprasad Mohapatra, Chairman, Airports Authority of India
- Mr. Yasuhiro lijima, Director General, JANS
- Mr. Tinnagorn Choowong, Executive Vice-President Operations, AEROTHAI and Chair, CANSO Asia Pacific Operations Workgroup
- Capt. Nithaar Zain, Head International Affairs, Flight Operations Division, Singapore Airlines

Facilitator:

• Mr. Hai Eng Chiang, Director Asia Pacific Affairs, CANSO

15:30-16:00 Networking Break

O Crystal A, Level 3, Athenee Tower

Sponsored by



16:00-17:30

Harnessing Technology and Driving Innovation

• Crystal B, Level 3, Athenee Tower

The ATM landscape is rapidly changing with the advent of new and innovative technology such as satellite surveillance, smart and remote digital towers and the application of artificial intelligence. For the Asia Pacific region with its vast remote landmasses and oceans, the ability to track aircraft beyond radar coverage and provide air traffic control at remote and unmanned aerodromes are quantum leaps in ATM capabilities. Research and development into the use of artificial intelligence in ATM is also gathering pace, promising not only improved safety measures but also traffic management capabilities. What is the

current state of play and what is the role of industry partners and research and development institutions in accelerating the pace of change? How should the region respond to the cyber security concerns that come with the widespread application of information technology and information sharing?

Panelists:

- Mr. Cyriel Kronenberg, Vice President of Aviation Services, Aireon
- Mr. Per Ahl, Vice President, Saab Digital Air Traffic Solutions
- Dr. Juliana Goh, Head of Research, MITRE Asia Pacific Singapore
- Mr. Nico Voorbach, Director ICAO Affairs, CANSO

Facilitator:

• Mr. Hai Eng Chiang, Director Asia Pacific Affairs, CANSO

17:30-18:00

Closing Remarks and Announcement by Host of Next Year's Conference

Crystal B, Level 3, Athenee Tower

Speaker:

 Mr. Kevin Shum, Director-General, CAAS and Chair, Asia Pacific CANSO CEO Committee

19:00-21:00 Gala Dinner

Please meet in The Athenee Hotel Lobby for an 18:30 departure to AEROTHAI Headquarters. Coaches will return from AEROTHAI Headquarters to The Athenee Hotel at 21:00.

AEROTHAI Headquarters





SUNDAY 10 JUNE 2018



09:00-16:00 Cultural Programme Introduction – The Thai way of life

Sampran Riverside



Embark on a journey by boat to the Sampran Riverside where you will learn about the vegetables and herbs commonly used in Thai cooking and pick your own ingredients before experiencing a traditional Thai cooking class. After, enjoy a lunch of the dishes you have made along with dishes specially prepared by the chef.

Please meet in The Athenee Hotel Lobby at 08:45 for a 09:00 departure. Pre-booking during online registration is required.

BE PART OF THE FUTURE OF AIR TRAFFIC MANAGEMENT

Our Members are shaping the future for a safe, efficient and seamless airspace - join CANSO.



Build your network through our global events and workgroups

Access industry intelligence

Take advantage of guidance materials and industry best practice

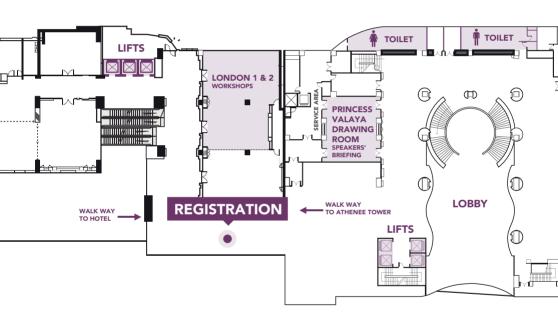
Actively participate in the creation of policies and guidance

Have your voice heard by governments, regulators and key stakeholders



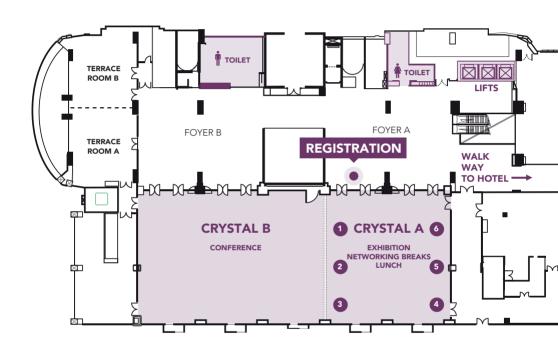


FLOORPLAN LEVEL 2



FLOORPLAN

LEVEL 3



EXHIBITORS

1 Aireon

4 Indra

2 Metron Airways

5 CANSO

3 Airways New Zealand

6 AEROTHAI

SPONSORS AND EXHIBITORS

Lead Sponsor, Workshop Sponsor and Exhibitor



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Aireon is deploying a space-based air traffic surveillance system for ADS-B equipped aircraft throughout the entire globe. Aireon will harness next-generation aviation surveillance technologies that are currently ground-based and, for the first time ever, extend their reach globally to significantly improve efficiency, enhance safety, reduce emissions and provide cost savings benefits to all stakeholders. Realtime ADS-B surveillance will cover oceanic. polar and remote regions, as well as augment existing ground-based systems that are limited to terrestrial airspace. In partnership with leading ANSPs from around the world, like NAV CANADA, ENAV, NATS, the Irish Aviation Authority (IAA) and Naviair, as well as Iridium Communications, Aireon will have an operational, global, space-based air traffic surveillance system in 2018.

Welcome Coffee Sponsor



Contact Information:

+31 62 310 48 25 arie.herweijer@harris.com Harris Corporation is a leading technology innovator, solving customers' toughest mission-critical challenges by providing solutions that connect, inform and protect. Harris supports government and commercial customers around the world. Learn more at harris.com.

Networking Break Sponsor



Contact Information:

+44 17 78 34 54 34 sales@uk.parkairsystems.com parkairsystems.com For 50 years Park Air has been the leading provider of ATM communications with an installed base in 180 countries; our latest Sapphire range of VHF/UHF radio systems are being delivered globally. Today, we recognise your emerging challenges of protecting your networks as you migrate to IP, so we are focusing on delivering a range of products and services that are specifically designed to protect ATM networks from the growing threat of online attack. Our cutting-edge security solutions and unrivalled expertise, backed up by Northrop Grumman's 30 years of cyber proficiency, makes us a trusted partner in protecting your networks.

Lanyard Sponsor

THALES

Contact Information:

+33 1 79 61 40 00 marketingatm@thalesgroup.com Thalesgroup.com The people we all rely on to make air travel safe and efficient rely on Thales. Thales is a global leader in air traffic management, designing, delivering and supporting the aviation systems that keep our skies running. Our advanced technologies and ground-breaking innovations deliver solutions that are continually adapting to the ever-changing needs of the aviation industry. With engagement in all major ATM modernisation initiatives, NextGen. ICAO ASBUs, and SESAR, Thales focusses on international harmonisation. Our strong involvement in these initiatives, and the alignment of our product roadmaps, ensures that our solutions have been extensively tested, certified and validated.

Exhibitor



Contact Information:

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Aeronautical Radio of Thailand Limited (AEROTHAI) operates with a commitment to maintain a quality of air navigation services in accordance with international standards and to upgrade technology and human resources with the goal to enhance national capacity and develop the aviation industry in Thailand. More information is available at www.aerothai.co.th.

Exhibitor



Contact Information: +64 33 58 16 80 info@airways.co.nz

airways.co.nz

Airways New Zealand provides world-class air traffic control training, services and technology solutions to customers around the globe. As New Zealand's air navigation service provider (ANSP), Airways New Zealand has a proud history of safe, reliable operational performance and a global reputation for leading innovation.

Airways Training delivers cutting-edge
ATC training with the latest simulation and
e-learning technologies, and also provides
ATC recruitment & selection solutions, highly
advanced simulation solutions and consultancy
services

Aviation Services supports international customers with engineering and maintenance, flight inspection, technical training and product consulting, and Aeropath offers procedure and airspace design, performance based navigation (PBN), training and aeronautical data services.

Exhibitor



Contact Information:

+66 02 09 02 48 9 amcaceres@indracompany.com indracompany.com Indra is one of the world's top consulting and technology companies, the leader in IT in Spain, and the advanced technology partner for core business operations of its customers everywhere.

Within ATM, we have for more than a century delivered some of the major technological breakthroughs, and we continue to be in the forefront of innovation. More than 1300 airports around the world rely on the GAREX, NORMARC and InNOVA family of products for their reliability, proven track record and low lifecycle cost.

Exhibitor





Contact Information:

+1 70 39 55 26 55 kapri.kupper@metronaviation.com metronaviation.com

Metron Aviation is helping the Air Traffic Flow Management industry minimize delays, reduce fuel costs and balance demand with capacity. Metron supports customers with a variety of ATFM tools and services that include decision management, post operational reporting and analysis, weather translation, environmental impact, assessment services, and advanced interactive ATFM simulation training. To solve your ATFM challenges, think Metron Aviation.



MITRE

Comprehensive and Integrated Training

Aviation System Block Upgrade (ASBU)

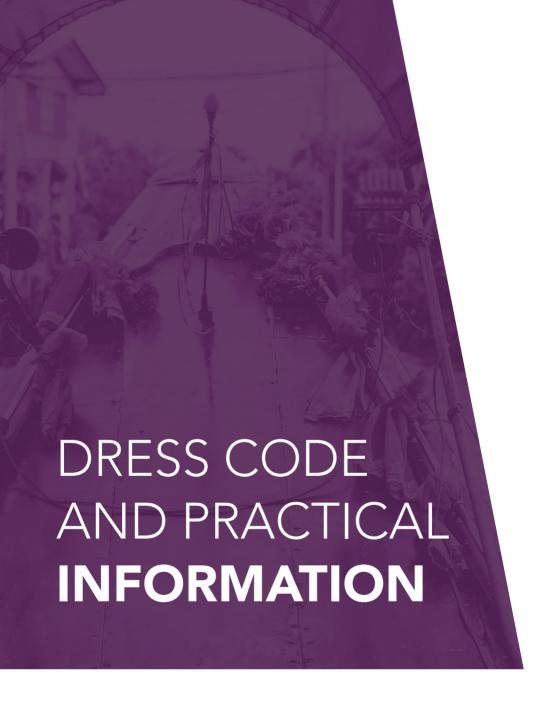
Methodology and Best Practices for ASBU Implementation

13-17 August 2018 Singapore

19-23 August 2019 Singapore



For more information and registration mai.mitrecaasd.org





Dress Code Friday 8 June

Workshops Business
Welcome Reception Smart Casual

Saturday 9 June

CANSO Asia Pacific Conference 2018 Business
Gala Dinner Smart Casual

Sunday 10 June

Cultural Programme Casual

Business



Collared shirts, jacket and ties for men. Trouser suit or smart dress for women.

Smart Casual

Collared shirts / polo shirts, ties optional for men. Trousers or casual dress for women.

Casual

Comfortable shoes and attire.

Event Venue

The Athenee Hotel 61 Wireless Road (Witthayu) Lumpini, Pathumwan, Bangkok 10330 Thailand www.theatheneehotel.com

The Athenee Hotel is approximately 40 minutes car drive from Suvarnabhumi Airport.



Transport from Suvarnabhumi Airport

To get to Bangkok by taxi follow the signs at Suvarnabhumi Airport to floor one. Ensure you take a ticket from the touch screen machines and proceed to the lane number printed on your ticket.

Airport taxis are green and yellow and are metered. The approximate cost of a taxi from Suvarnabhumi Airport to Bangkok is 380 Baht (EUR 10). Please note this includes the 50 Baht (EUR 1.30) airport surcharge and toll of 70 Baht (EUR 1.80). Cash is the accepted form of payment.

An Airport Rail Link sky train (BTS) takes you from Suvarnabhumi Airport to Bangkok city. The Airport Rail Link costs approximately 45 Baht (EUR 1.17). It can take approximately up to one hour to arrive in Bangkok when using the Airport Rail Link sky train (BTS).



Transport within Bangkok

Taxis are a common means of transport and easy to find throughout the city. Different taxi companies use different coloured taxis; however you will be able to spot a taxi by the taxi meter sign on the roof of the car. Cash is the accepted form of payment.

Bangkok has its subway (MRT) serving as the backbone transportation of the city. Tuk-Tuk, Song-Thew (Red Pickup bus), Rod-May (Local Bus), Mor-Sai (Taxi Bike) and Rua-Rew (Taxi boat) are available to take you around Bangkok.



WIFI Access

All delegates will have full access to WIFI during the CANSO Asia Pacific Conference 2018. WIFI information will be provided during registration periods and during the conference



Electricity

The type of electrical plug and socket typically used in Thailand is two parallel prongs. Thailand has AC 220 volts and 50 cycles.



Language

Thailand's official language is Thai; however the CANSO Asia Pacific Conference 2018 and associated sessions will be conducted in English.



Time Zone

The time zone in Thailand is UTC+7 hours.



Currency

Thai baht (THB) is the currency used in Thailand. 1 EUR is approximately 40 THB and 1 USD is approximately 30 THB.



Water

Although the tap water in Bangkok is chemically treated, it is recommended to drink only bottled water and beverages.



Emergency Contacts

Ambulance and Rescue: 1554 Medical Emergency: 1669

Fire Brigade: 199

Police: 191- however to contact an English speaking operator it is advised to contact the Tourist Police on 1155.

CANSO EVENTS



CANSO Africa
Conference 2018

Mombasa, Kenya3-5 September



CANSO Latin America and Caribbean Conference 2018

Buenos Aires, Argentina5-7 November



CANSO Global ATM Safety Conference 2018

Banff, Canada26-30 November



CANSO in Madrid 2019

CANSO brings together a number of high-profile CANSO events and countless networking opportunities in Madrid

Madrid, Spain11 -14 March



CANSO Global ATM
Operations Conference
2019

Langen, GermanyApril



CANSO Asia Pacific Conference 2019

Fukuoka, Japan21-23 May

CONTACT INFORMATION



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Departures Departing to **Airline Flight** Time Madrid 2019 12-14 March On Madrid 2019 12-14 March On **Madrid** World ATM Congress 2019 12 **Madrid** 2019 World ATM Congress **Madrid** 2019 World ATM Congress **Madrid** 2019 World ATM Congress 2019 **Madrid** World ATM Congress 2019 **Madrid** 2019 **Madrid** World ATM Congress 2019 **Madrid** 2019 Madrid 2019 World ATM Congress Madrid **Madrid** World ATM Con

Put Us On Your Schedule.

Save The Date.



World ATM Congress 2019

12-14 March 2019

Madrid, Spain IFEMA, Feria de Madrid www.worldatmcongress.org

NOTES

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