



ICAO

UNITING AVIATION

الهيئة العامة للطيران المدني  
GENERAL CIVIL AVIATION AUTHORITY



PROGRAMME AGENDA

# ICAO Cyber Summit and Exhibition

*Making Sense of Cyber*

Dubai, United Arab Emirates

4 – 6 April 2017




**ICAO Cyber Summit and Exhibition**

*Making Sense of Cyber*  
 Dubai, United Arab Emirates  
 4 – 6 April 2017


**WORKSHOP – TUESDAY, 4 APRIL 2017**

08:00 – 09:00	<i>Registration and Coffee Reception</i>
09:00 – 10:00	<p><b>Opening Remarks</b>          Stephen P. Creamer, <i>ICAO</i></p> <p><b>Speakers</b>  <b>Being Prepared: Introducing Computerized War Gaming to Mitigate Cyber Risk</b>          Pascal Buchner, <i>International Air Transport Association (IATA)</i></p>
10:00 – 10:30	<i>Networking Coffee Break</i>
10:30 – 12:00	<p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <b>The Experience of an ANSP: An Approach of the Cyber Risk</b>              Loïc Robin, <i>Direction des Services de la Navigation Aérienne, France</i></li> <li>• <b>Cybersecurity Assessment for Airports: Are you taking the threat seriously?</b>              Robert Graham, <i>EUROCONTROL</i></li> <li>• <b>Tailoring Cyber Resilience Solutions to the Aviation Sector’s Strengths</b>              Helena Hallauer, <i>Federal Office of Civil Aviation, Switzerland, Speaking on behalf of the European Civil Aviation Conference (ECAC) Study Group on Cyber Threats</i></li> </ul>
12:00 – 13:30	<i>Lunch Break</i>

13:30 – 15:15	<p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <b>Cyber Threat Intelligence in Aviation: Detect, Validate, Remediate</b>              Kamran Ahsan, <i>Etisalat</i>              Sebastián García, <i>Telefónica</i>              Girish Dani, <i>Etisalat</i></li> <li>• <b>Cyber Security &amp; Its Evolving Threat Landscape</b>              Dr. Mohamed Hamad Al-Kuwaiti, <i>UAE National Electronic Security Authority (NESA)</i></li> </ul>
15:15 – 15:45	<i>Networking Coffee Break</i>
15:45 – 17:00	<p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <b>GCAA’s Operational Security Approach &amp; the Global Cyber Awareness Portal</b>              Greg Kurten, <i>Sheikh Zayed Air Navigation Centre (GCAA SZC)</i></li> <li>• <b>Data Protection: Own your Asset Before your Adversary</b>              Georges De Moura, <i>Etihad Airways</i></li> <li>• <b>Taxonomy of Aviation Cyber Threats &amp; Relevant Protection Methods</b>              Eduard Falkov, <i>GosNIIAS</i></li> </ul>
<b>End of Workshop</b>	


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**DAY 1 – WEDNESDAY, 5 APRIL 2017**


08:00 – 09:30	<i>Registration and Welcome Coffee</i>
09:30 – 10:30	<p><b>OPENING SESSION</b></p> <p><b>Opening Act</b>  <b>Opening and Keynote Addresses</b></p> <ul style="list-style-type: none"> <li>• <b>H.E. Eng. Sultan Bin Saeed Al Mansoori</b>  <i>UAE Minister of Economy and Chairman of General Civil Aviation Authorities (UAE GCAA)</i></li> <li>• <b>Dr. Olumuyiwa Benard Aliu</b>  <i>President of the Council, International Civil Aviation Organization (ICAO)</i></li> </ul> <p><b>VIP Group Photo</b></p>
10:30 – 11:00	<p style="text-align: center;"><i>Coffee Break sponsored</i></p> <div style="text-align: center;">  </div>
11:00 – 12:30	<p><b>Session 1: Current and Emerging Cyber Threats and Risks</b></p> <p><b>Moderator</b>  <b>Jeffrey Troy</b>, <i>Aviation Information Sharing and Analysis Center (A-ISAC)</i></p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <b>Cyber Risk Assessment: The Work of the ICAO Threat &amp; Risk Working Group</b>        Phil Williams, <i>UK Department for Transport</i></li> <li>• <b>Human Insider Threats in Cybersecurity &amp; Architecture to Mitigate</b>        Mohsen Manialawy, <i>CISCO Systems</i></li> <li>• <b>Current Cybersecurity Threat Landscape</b>        Oguzhan Filizlibay, <i>Microsoft Corporation</i></li> <li>• <b>Cyber Threat Intelligence in Aviation: What we need to know and how do we manage?</b>        Kamran Ahsan, <i>Etisalat</i>        Sebastián García, <i>Telefónica</i></li> </ul> <p><b>Question and Answer</b></p>


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**DAY 1 – WEDNESDAY, 5 APRIL 2017 (continued)**

12:30 – 13:30	Lunch Break sponsored by 
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13:30 – 15:00	<p><b>Session 2: Cybersecurity – The Industry Perspective</b></p> <p><b>Moderator</b> Stephen P. Creamer, <i>ICAO</i></p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <b>Panel Discussion: Industry Perspectives on Sharing Vulnerabilities</b> Pascal Andrei, <i>Airbus</i> James Vasatka, <i>The Boeing Company</i> Jeffrey Troy, <i>Aviation Information Sharing and Analysis Center (A-ISAC)</i></li> <li>• <b>Cybersecurity - Perspective from Industry and Government</b> Thomas Hutin, <i>Thales</i></li> <li>• <b>Information Security vs. Cybersecurity: The CANSO Vision for a Sustainable and Effective Integrated Layer to the Digital Era Bridging Safety and Security</b> Francesco Di Maio, <i>ENAV S.P.A. for Civil Air Navigation Services Organisation (CANSO)</i></li> <li>• <b>In-flight Entertainment and Connectivity (IFEC) Security</b> Michael Dierickx, <i>Panasonic Aviation Corporation</i></li> </ul> <p><b>Question and Answer</b></p>
15:00 – 15:30	Networking Coffee Break Sponsored by  

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**Session 3: Cybersecurity: The Government Perspective****Moderator**

Prof. Chris Johnson, *Glasgow University*

**Speakers**

- **Cyber Threat Awareness**  
NCSC Expert, *United Kingdom National Cyber Security Centre (UK NCSC)*
- **Working Together: Mitigating Cyber Risks in Aviation**  
Shona Rosengren, *Australian Department of Infrastructure and Regional Development*
- **Cybersecurity in Aviation The EASA Perspective**  
Rachel Daeschler, *European Aviation Safety Agency (EASA)*

**Question and Answer****LIVE DEMONSTRATION**

- Loic Falletta, *Yinkozi Information Security Services*

15:30 – 16:30

*Gala Dinner Cruise  
Sponsored by*



*Limited Seats Available*


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**DAY 2 – THURSDAY, 6 APRIL 2017**

08:00 – 08:30	<i>Welcome Coffee</i>
08:30 – 09:45	<p><b>Session 4: Cybersecurity Management</b></p> <p><b>Moderator</b>  <i>Patricia Reverdy, European Civil Aviation Conference (ECAC)</i></p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <b>Airport Cybersecurity: Fact or Fiction</b>  <i>Dominic Nessi, Airports Council International (ACI) World Partner - Burns Engineering</i></li> <li>• <b>The IATA Cybersecurity Plan</b>  <i>Pascal Buchner, International Air Transport Association (IATA)</i></li> <li>• <b>IT Security Improvements Based On Structured Information Stream Analyses</b>  <i>Volker Grantz, Frequentis</i></li> </ul> <p><b>Question and Answer</b></p>
09:45 – 10:15	<i>Networking Coffee Break</i>
10:15 – 12:00	<p><b>Session 5: Cybersecurity Strategy, Coordination and Information Sharing</b></p> <p><b>Moderator</b>  <i>James Vasatka, The Boeing Company</i></p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <b>Tackling Aviation Cyber Threats: Joining Complementary Expertise and Creating Synergies</b>  <i>Phil Jones, Airbus Cybersecurity</i>  <i>Sebastien Fabre, Société Internationale de Télécommunications Aéronautiques (SITA)</i></li> <li>• <b>The Evolution of Satellites and their Role Supporting the Aviation Industry</b>  <i>Marcus Vilaça, Al Yah Satellite Communications Company (Yahsat)</i></li> <li>• <b>Building a Horizontal, Cross-Cutting and Functional Cyber Security Strategy</b>  <i>Bernard Lim, Singapore Ministry of Transport</i></li> <li>• <b>Cybersecurity Strategy, Coordination and Information Sharing: The EU Contribution</b>  <i>Hana Guyaux Pecháčková, European Commission</i></li> <li>• <b>Priorities for Cybersecurity: Building on our Strengths</b>  <i>Patricia Reverdy, European Civil Aviation Conference (ECAC) (sponsored by AIRBUS )</i></li> </ul> <p><b>Question and Answers</b></p>


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12:00 – 13:30	<i>Lunch Break</i>
13:30 – 15:15	<p><b>Session 6: Building Cyber Resilience</b></p> <p><b>Moderator</b>          Bernard Lim, <i>Singapore Ministry of Transport</i></p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <b>Enhancing Cyber Resilience of ATM and Sharing Cyber Intelligence</b>              Patrick Mana, <i>EUROCONTROL</i></li> <li>• <b>How to Build Cyber Resilience</b>              Nouri Safwan Othaman Agha, <i>UAE Telecommunication Regulatory Authority (TRA)</i></li> <li>• <b>Methods of Cyber Attack and of Cyber Defence in Aviation Infrastructures</b>              Prof. Chris Johnson, <i>Glasgow University (sponsored by  SITA Create success. Together )</i></li> <li>• <b>Insider Threat, Cyber Security Perspective</b>              Gilles Loridon, <i>Global Security Network (GSN)</i></li> <li>• <b>Security by Design</b>              Florian Guillermet, <i>SESAR Joint Undertaking</i></li> <li>• <b>Building Cybersecurity Resilience</b>              Philippe Jasselin, <i>Thales</i></li> </ul> <p><b>Question and Answers</b></p>
<b>CLOSING SESSION</b>	
15:15 – 16:15	<p><b>Trophy Session</b></p> <p><b>Closing Remarks</b>          Stephen P. Creamer          Director Air Navigation Bureau, <i>ICAO</i></p> <p><b>Closing Speech</b>          H.E. Saif Mohammed Al Suwaidi          Director General, <i>UAE GCAA</i></p>
<i>End of Summit</i>	