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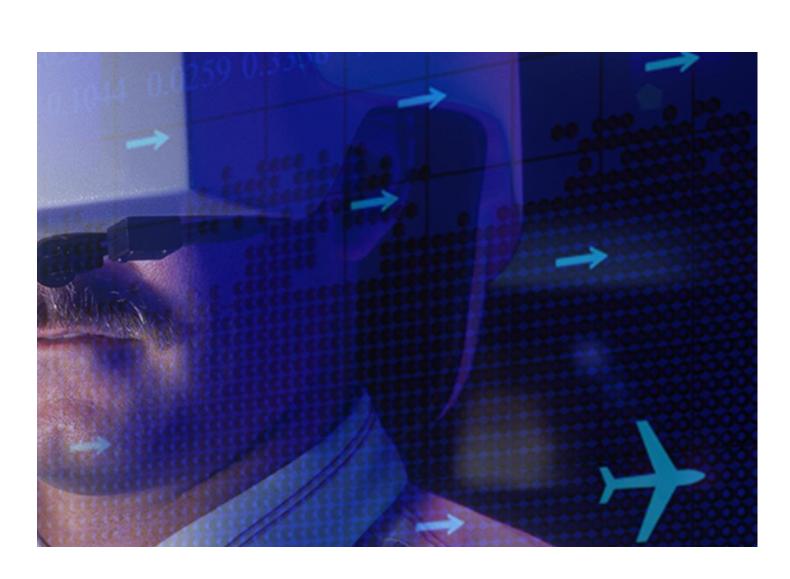
United Arab Emirates

PROGRAMME AGENDA

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	*Registration and Coffee Reception*

09:00 – 10:00	**Opening Remarks**
	Stephen P. Creamer, *ICAO*
	
	Speakers
	    Being Prepared: Introducing Computerized War Gaming to Mitigate Cyber Risk
	    Pascal Buchner, *International Air Transport Association (IATA)*

10:00 – 10:30	*Networking Coffee Break*

10:30 – 12:00	**Speakers**
	• **The Experience of an ANSP: An Approach of the Cyber Risk**
	  Loïc Robin, *Direction des Services de la Navigation Aérienne, France*
	• **Cybersecurity Assessment for Airports: Are you taking the threat seriously?**
	  Robert Graham, *EUROCONTROL*
	• **Tailoring Cyber Resilience Solutions to the Aviation Sector's Strengths**
	  Helena Hallauer, *Federal Office of Civil Aviation, Switzerland, Speaking on behalf of the European Civil Aviation Conference (ECAC) Study Group on Cyber Threats*

12:00 – 13:30	*Lunch Break*

13:30 – 15:15	**Speakers**
	• **Cyber Threat Intelligence in Aviation: Detect, Validate, Remediate**
	  Kamran Ahsan, *Etisalat*
	  Sebastián García, *Telefónica*
	  Girish Dani, *Etisalat*
	• **Cyber Security & Its Evolving Threat Landscape**
	  Dr. Mohamed Hamad Al-Kuwaiti, UAE *National Electronic Security Authority (NESA)*

15:15 – 15:45	*Networking Coffee Break*

15:45 – 17:00	**Speakers**
	• **GCAA's Operational Security Approach & the Global Cyber Awareness Portal**
	  Greg Kurten, *Sheikh Zayed Air Navigation Centre (GCAA SZC)*
	• **Data Protection: Own your Asset Before your Adversary**
	  Georges De Moura, *Etihad Airways*
	• **Taxonomy of Aviation Cyber Threats & Relevant Protection Methods**
	  Eduard Falkov, *GosNIIAS*

	End of Workshop

	DAY 1 – WEDNESDAY, 5 APRIL 2017
08:00 – 09:30	*Registration and Welcome Coffee*

09:30 – 10:30	**OPENING SESSION**
	
	Opening Act
	Opening and Keynote Addresses
	
	• **H.E. Eng. Sultan Bin Saeed Al Mansoori**
	  UAE Minister of Economy and Chairman of General Civil Aviation Authorities (UAE GCAA)
	• **Dr. Olumuyiwa Benard Aliu**
	  President of the Council, International Civil Aviation Organization (ICAO)
	VIP Group Photo

10:30 – 11:00	*Coffee Break sponsored* **Panasonic**

11:00 – 12:30	**Session 1: Current and Emerging Cyber Threats and Risks**
	Moderator
	Jeffrey Troy, *Aviation Information Sharing and Analysis Center (A-ISAC))*
	
	Speakers
	• **Cyber Risk Assessment: The Work of the ICAO Threat & Risk Working Group**
	  Phil Williams, *UK Department for Transport*
	• **Human Insider Threats in Cybersecurity & Architecture to Mitigate**
	  Mohsen Manialawy, *CISCO Systems*
	• **Current Cybersecurity Threat Landscape**
	  Oguzhan Filizlibay, *Microsoft Corporation*
	• **Cyber Threat Intelligence in Aviation: What we need to know and how do we manage?**
	  Kamran Ahsan, *Etisalat*
	  Sebastián García, *Telefónica*
	
	Question and Answer

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DAY 1 – WEDNESDAY, 5 APRIL 2017 (continued)

12:30 – 13:30	*Lunch Break sponsored by*

13:30 – 15:00	**Session 2: Cybersecurity – The Industry Perspective**
	
	Moderator
	Stephen P. Creamer, *ICAO*
	
	Speakers
	• **Panel Discussion: Industry Perspectives on Sharing Vulnerabilities**
	  Pascal Andrei, *Airbus*
	  James Vasatka, *The Boeing Company*
	  Jeffrey Troy**,** *Aviation Information Sharing and Analysis Center (A-ISAC)*
	• **Cybersecurity - Perspective from Industry and Government**
	  Thomas Hutin, *Thales*
	• **Information Security vs. Cybersecurity: The CANSO Vision for a Sustainable and Effective Integrated Layer to the Digital Era Bridging Safety and Security**
	  Francesco Di Maio, *ENAV S.P.A. for Civil Air Navigation Services Organisation (CANSO)*
	• **In-flight Entertainment and Connectivity (IFEC) Security**
	  Michael Dierickx, *Panasonic Aviation Corporation*
	
	Question and Answer

15:00 – 15:30	*Networking Coffee Break* *Sponsored by*

15:30 – 16:45	**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)*
	• **Cybersecurity in Aviation The EASA Perspective**
	  Rachel Daeschler, *European Aviation Safety Agency (EASA)*
	• **Working Together: Mitigating Cyber Risks in Aviation**
	  Shona Rosengren, *Australian Department of Infrastructure and Regional Development*
	
	 Question and Answer
	
	LIVE DEMONSTRATION
	  • Loic Falletta, *Yinkozi Information Security Services*

	Gala Dinner Cruise *Sponsored by* **THALES** *Limited Seats Available*

DAY 2 – THURSDAY, 6 APRIL 2017

08:00 – 08:30	*Welcome Coffee*
08:30 – 09:45	**Session 4: Cybersecurity Management** **Moderator** **Patricia Reverdy,** *European Civil Aviation Conference (ECAC)* **Speakers** • **Airport Cybersecurity: Fact or Fiction** Dominic Nessi, *Airports Council International (ACI) World Partner - Burns Engineering* • **The IATA Cybersecurity Plan** Pascal Buchner, *International Air Transport Association (IATA)* • **IT Security Improvements Based On Structured Information Stream Analyses** Volker Grantz, *Frequentis* **Question and Answer**
09:45 – 10:15	*Networking Coffee Break*
10:15 – 12:00	**Session 5: Cybersecurity Strategy, Coordination and Information Sharing** **Moderator** **James Vasatka,** The Boeing Company **Speakers** • **Tackling Aviation Cyber Threats: Joining Complementary Expertise and Creating Synergies** Phil Jones, *Airbus Cybersecurity* Sebastien Fabre, *Société Internationale de Télécommunications Aéronautiques (SITA)* • **The Evolution of Satellites and their Role Supporting the Aviation Industry** Marcus Vilaça, *Al Yah Satellite Communications Company (Yahsat)* • **Building a Horizontal, Cross-Cutting and Functional Cyber Security Strategy** Bernard Lim, *Singapore Ministry of Transport* • **Cybersecurity Strategy, Coordination and Information Sharing: The EU Contribution** Hana Guyaux Pecháčková, *European Commission* • **Priorities for Cybersecurity: Building on our Strengths** Patricia Reverdy**,** *European Civil Aviation Conference (ECAC) (sponsored by* **AIRBUS** *)* **Question and Answers**

12:00 – 13:30	*Lunch Break*
13:30 – 15:15	**Session 6: Building Cyber Resilience** **Moderator** **Bernard Lim,** *Singapore Ministry of Transport* **Speakers** • **Enhancing Cyber Resilience of ATM and Sharing Cyber Intelligence** Patrick Mana, *EUROCONTROL* • **How to Build Cyber Resilience** Nouri Safwan Othaman Agha, *UAE Telecommunication Regulatory Authority (TRA)* • **Methods of Cyber Attack and of Cyber Defence in Aviation Infrastructures** Prof. Chris Johnson, *Glasgow University (sponsored by* SITA *)* • **Insider Threat, Cyber Security Perspective** Gilles Loridon, *Global Security Network (GSN)* • **Security by Design** Florian Guillermet, *SESAR Joint Undertaking* • **Building Cybersecurity Resilience** Philippe Jasselin, *Thales* **Question and Answers**
15:15 – 16:15	**CLOSING SESSION** **Trophy Session** **Closing Remarks** **Stephen P. Creamer** Director Air Navigation Bureau, *ICAO* **Closing Speech** **H.E. Saif Mohammed Al Suwaidi** Director General, *UAE GCAA*
	End of Summit