



PROGRAMME

# ICAO SUMMIT ON CYBERSECURITY IN CIVIL AVIATION

## EUROPE, MIDDLE EAST AND AFRICA (EMEA)

Bucharest, Romania  
7 to 9 May 2018



# Cybersecurity in Civil Aviation

The ICAO Europe, Middle East and Africa Summit

Bucharest, Romania 7–9 May 2018

## DAY 1 – MONDAY, 7 MAY 2018

### OPENING SESSION

I.I.C. BRĂTIANU Hall

09:00 – 10:30	<p><b>Opening statements</b></p> <ul style="list-style-type: none"> <li>• <b>Fang LIU</b>; <i>Secretary General, International Civil Aviation Organization</i></li> <li>• <b>Lucian ȘOVA</b>; <i>Minister of Transport, Ministry of Transport, Romania</i></li> <li>• <b>Dorel CĂPRAR</b>; <i>Chairman of the Defense Committee, Chamber of Deputies, Romania</i></li> <li>• <b>Armand PETRESCU</b>; <i>Director General, Romanian Civil Aeronautical Authority</i></li> </ul> <p><b>Dubai Declaration</b> Recall of the Dubai Declaration on Cybersecurity</p> <ul style="list-style-type: none"> <li>• <b>Ismaeil Mohammed AL BLOOSHI</b>; <i>Assistant Director General, Aviation Safety Affairs, General Civil Aviation Authority, United Arab Emirates</i></li> </ul> <p><b>Safety and security introduction to cyber</b></p> <ul style="list-style-type: none"> <li>• <b>Catalin RADU</b>; <i>Deputy Director, Aviation Safety, International Civil Aviation Organization</i></li> <li>• <b>Sylvain LEFOYER</b>; <i>Deputy Director, Aviation Security and Facilitation, International Civil Aviation Organization</i></li> </ul>
10:30 – 11:00	<p><i>Coffee Break</i></p> <p style="text-align: right;"><i>Take Ionescu Hall</i></p>

### Keynote Speeches Session 1

I.I.C. BRĂTIANU Hall

11:00 – 12:15	<p><b>Harmonization and strengthening of State cybersecurity frameworks</b> How can cybersecurity issues be addressed strategically at the State level?</p> <p><b>Moderator: Poppy KHOZA</b>; <i>Director of Civil Aviation, Civil Aviation Authority, South Africa</i></p> <ul style="list-style-type: none"> <li>• <b>Papa Atoumane FALL</b>; <i>Interim Secretary General, African Civil Aviation Commission</i></li> <li>• <b>Salvatore SCIACCHITANO</b>; <i>Executive Secretary, European Civil Aviation Conference</i></li> <li>• <b>Giorgio CIONI</b>; <i>Director Armament and Aviation Capabilities, North Atlantic Treaty Organization</i></li> <li>• <b>Christian SCHLEIFER-HEINGÄRTNER</b>; <i>Secretary General, European Organisation for Civil Aviation Equipment</i></li> </ul>
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## DAY 1 – MONDAY, 7 MAY 2018 (continued)

12:15 – 13:30	<i>Lunch</i>	<i>Take Ionescu Hall</i>
<b>Keynote Speeches Session 2</b>		<b>I.I.C. BRĂTIANU Hall</b>
13:30 – 15:00	<p><b>Harmonization and strengthening of technical cybersecurity frameworks</b> How can cybersecurity issues be addressed strategically at the operational level?</p> <p><b>Moderator: Michel WACHENHEIM</b>; <i>Vice President, Air and Space Academy</i></p> <ul style="list-style-type: none"> <li>• <b>Patrick KY</b>; <i>Executive Director, European Aviation Safety Agency</i></li> <li>• <b>Nico VOORBACH</b>; <i>Director, ICAO Affairs and Industry, Civil Air Navigation Services Organisation</i></li> <li>• <b>Eamonn BRENNAN</b>; <i>Director General, European Organisation for the Safety of Air Navigation</i></li> <li>• <b>Rafael SCHVARTZMAN</b>; <i>Regional Vice President Europe, International Air Transport Association</i></li> <li>• <b>Ron ABEL</b>; <i>President, International Federation of Air Line Pilots' Associations</i></li> <li>• <b>Michael ZADDACH</b>; <i>Chair of the ACI World Airport IT Standing Committee</i></li> </ul>	
15:00 – 15:30	<i>Coffee Break</i>	<i>Take Ionescu Hall</i>
<b>PANEL 1</b>		<b>I.I.C. BRĂTIANU Hall</b>
15:30 – 17:00	<p><b>Cybersecurity risk assessment</b> What are the methods available for the assessment of cybersecurity risks and how are cyber incidents assessed, classified and responded to?</p> <p><b>Moderator: Mark RODMELL</b>; <i>Head of International Aviation Security Policy and Regulation, Aviation Directorate, Department for Transport, United Kingdom and Rapporteur, ICAO Working Group on Threat and Risk</i></p> <ul style="list-style-type: none"> <li>• <b>Tomi SALMENPÄÄ</b>; <i>Special Advisor, Finnish Transport Safety Agency, Finland</i></li> <li>• <b>Anton ROG</b>; <i>Head, Cyberint Centre of the Romanian Intelligence Services, Romania</i></li> <li>• <b>Jeroen KRUSE</b>; <i>International Federation of Airline Pilots' Associations</i></li> <li>• <b>Cătălin ARAMĂ</b>; <i>Director General, CERT-RO</i></li> </ul>	
19:00 – 21:00	<p><b>Welcome Reception at the J.W. Marriott Hotel</b> <b>Sponsored by the Romanian Air Traffic Services Administration ROMATSA R.A.</b></p>	
<b>End of Day 1</b>		

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## DAY 2 – TUESDAY, 8 MAY 2018

### TABLE TOP EXERCISE

I.I.C. BRĂTIANU Hall

<p><b>08:30 – 11:00</b></p>	<p><b>Table top exercise (airport cybersecurity)</b> Organized by Finland, Romania, ICAO and ACI</p> <p>Participants will be given the opportunity to simulate a cyber event at a major regional airport affecting international, regional and domestic operations. The scenario will focus on systems which form an integral part of the passenger airport experience such as baggage processing, screening, flight information displays and agent terminals. By using a predefined scenario and introducing new information throughout the exercise, participants will become aware of what coordination efforts are required at a senior level to successfully manage a cyber event.</p>
<p><b>11:00 – 11:30</b></p>	<p><i>Coffee Break</i></p> <p style="text-align: right;"><i>Take Ionescu Hall</i></p>

### INTERACTIVE SESSION

I.I.C. BRĂTIANU Hall

<p><b>11:30 – 12:30</b></p>	<p>This session will provide an open forum for participants to ask questions to any of our panellists and moderators in an open and fluid dialog. Questions not answered during the panel sessions may be addressed with the possibility of more in-depth discussions on strategic solutions.</p> <p><b>Moderator: Sylvain LEFOYER; Deputy Director, Aviation Security and Facilitation, International Civil Aviation Organization</b></p>
<p><b>12:30 – 14:00</b></p>	<p><i>Lunch</i></p> <p style="text-align: right;"><i>Take Ionescu Hall</i></p>

### PANEL 2

I.I.C. BRĂTIANU Hall

<p><b>14:00 – 15:00</b></p>	<p><b>Regional views on cybersecurity strategies</b></p> <p>What are the current and future perspectives in cybersecurity? Including areas of national research around the world which may affect Europe, the Middle East and Africa. Airframe manufacturers, research scientists and regulatory experts will provide their perspectives on cybersecurity challenges.</p> <p><b>Moderator: Rebekah TANTI-DOUGALL; Senior Associate, Tanti Dougall &amp; Associates</b></p> <ul style="list-style-type: none"> <li>• <b>Manon GAUDET; Industrial Technology Advisor, National Research Council, Canada</b></li> <li>• <b>Ziad Mohammed ALABBOUD; Manager Cybersecurity, Information Technology Department, General Authority of Civil Aviation, Saudi Arabia</b></li> <li>• <b>Daniel DIESSNER; Senior Engineering Manager, Cybersecurity &amp; Software Integration, Boeing Commercial Airplanes</b></li> </ul>
<p><b>15:00 – 15:30</b></p>	<p><i>Coffee Break</i></p> <p style="text-align: right;"><i>Take Ionescu Hall</i></p>



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## DAY 2 – TUESDAY, 8 MAY 2018 (continued)

### Panel 3

I.I.C. BRĂTIANU Hall

<p>15:30 – 17:00</p>	<p><b>European view on cybersecurity strategies</b></p> <p>What are the cybersecurity issues from a European-focused perspective? What activities are coordinated and/or managed by the European Aviation Safety Agency (EASA), such as the upcoming directive on network information systems (i.e. the NIS Directive)? EASA will also share their efforts for the promotion of cybersecurity incident sharing and coordination as part of the European Centre for Cybersecurity in Aviation (ECCSA).</p> <p><b>Moderator: Helena HALLAUER; Security Coordinator, Federal Office of Civil Aviation, Switzerland</b></p> <ul style="list-style-type: none"> <li>• <b>Maria Manuela CATRINA; Secretary of State, Ministry of Communications and the Information Society, Romania</b></li> <li>• <b>Demet ÇITIR; Expert, Aviation Security Department, Directorate General of Civil Aviation, Turkey</b></li> <li>• <b>Hana GUYAUX PECHÁČKOVÁ, Policy and Legal Officer, Aviation Security, European Commission</b></li> <li>• <b>Jean-Paul MOREAUX; Programme Manager, Cybersecurity in Aviation, European Aviation Safety Agency</b></li> <li>• <b>Christian SCHLEIFER-HEINGÄRTNER; Secretary General, European Organisation for Civil Aviation Equipment</b></li> </ul>
<p>17:00 – 18:00</p>	<p><b>Tour of the Romanian Palace of Parliament</b></p>
<p>18:00 – 19:30</p>	<p><b>Reception</b>  <b>Sponsored by the Romanian Civil Aeronautical Authority</b>  <b>at the Palace of the Parliament (Take Ionescu Hall)</b></p>
<p><b>End of Day 2</b></p>	

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## DAY 3 – WEDNESDAY, 9 MAY 2018

### TABLE TOP Exercise

I.I.C. BRĂTIANU Hall

09:00 – 09:45

#### Plenary report of table top exercise

Debriefing of the airport security session will take place where participants can exchange lessons learned and explore how to develop actionable steps to improve their cyber incident response plans.

**Moderator: Ion GROSU**; *Director of the Aviation and Cyber Security Directorate, Romanian Civil Aeronautical Authority*

### Panel 4

I.I.C. BRĂTIANU Hall

09:45 – 11:00

#### Coordination of cybersecurity activities

How are cybersecurity measures effectively coordinated throughout organizations and across stakeholders to ensure they work as intended? In this panel, a number of aviation stakeholders from across the aviation ecosystem will discuss how they coordinate their activities and the challenges they face.

**Moderator: Farid ZIZI**; *Senior Advisor, Civil Aviation Technical Center, Directorate General for Civil Aviation, France*

- **Sorin ENCUȚESCU**; *Deputy Director General, Romanian Civil Aeronautical Authority*
- **Helena HALLAUER**; *Security Coordinator, Federal Office of Civil Aviation, Switzerland*
- **Nico VOORBACH**; *Director ICAO Affairs and Industry, Civil Air Navigation Services Organisation*
- **Matthew VAUGHAN**; *Director, Aviation Security, International Air Transport Association*

11:00 – 11:30

*Coffee Break*

*Take Ionescu Hall*

### CLOSING SESSION

I.I.C. BRĂTIANU Hall

11:30 – 12:00

#### Conclusions

12:00 – 12:30

#### Closing Remarks

Jointly presented by the International Civil Aviation Organization and Romanian Civil Aeronautical Authority.

12:30 – 13:30

**Farewell Party**  
*Sponsored by the Romanian Civil Aeronautical Authority (Take Ionescu Hall)*

*End of Summit*