

**ICAO First iSTARS User Group (iUG/01) Meeting Agenda**  
**ICAO Headquarters, Montreal – 17-19 December 2018**

	<b>Monday 17 December</b>	<b>Tuesday 18 December</b>	<b>Wednesday 19 December</b>
<b>9:00 – 9:30</b>	<b>Registration</b>	<b>Emerging Issues and Future Trends</b> Stephen Creamer – Director, Air Navigation Bureau, ICAO	<b>Application of Deep-Learning and Natural Language Processing in NOTAMs</b> Marco Merens – Integrated Aviation Analysis (IAA) Section, ICAO
<b>9:30 – 10:00</b>	<b>Opening and Welcome Notes</b> Catalin Radu – Deputy Director (Safety), Air Navigation Bureau, ICAO	<b>Predictive Software for Identifying High-Risk Aircraft in a Country</b> Marcell Bruno Sousa e Silva – Agência Nacional de Aviação Civil (ANAC), Brazil	<b>Analysing Incidents using Data Enrichment and Machine Learning</b> Gerard van Es – NLR, Netherlands
<b>10:00 – 10:30</b>	<b>Complexities of Data Exchange in the World of Open Data</b> Kim Miller – International Aviation Safety Foundation	<b>e-Licensing and e-Examinations, Regulatory Tools for National Aviation Authority (NAA) Oversight</b> Matthew Margesson – UK Civil Aviation Authority	<b>Applying Natural Language Processing Tools to Occurrence Reports</b> Loren Groff – National Transportation Safety Board (NTSB), USA
<b>10:30 – 11:00</b>	<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>
<b>11:00 – 11:30</b>	<b>Operational and Safety Information Sharing for Unmanned Aircraft Systems</b> Lennaert Speijker – NLR, Netherlands	<b>A New Jump into Safety Risk Analysis Ways and Tools</b> Paul-Emmanuel Thurat – Direction Générale de l’Aviation Civile (DGAC), France	<b>PANEL DISCUSSION: The Future of Artificial Intelligence and Machine Learning in Aviation</b> Panel Members: Loren Groff; Gerard van Es Moderator: Marco Merens
<b>11:30 – 12:00</b>	<b>Lean Data Governance, Analytics and Visualization</b> Sonu Goel – OST Global, USA	<b>Risk-Based Surveillance</b> Javier Puente – ICAO SAM Regional Office	<b>Closing: Summary and Future Steps</b> Marco Merens – Integrated Aviation Analysis (IAA) Section, ICAO
<b>12:00 – 12:30</b>	<b>The Synergy of Industry and State and International Level Collaboration in Using Safety Information</b> Hyuntae Jung – International Air Transport Association (IATA)	<b>Compliance-Based Oversight and Risk and Performance-Based Oversight in an Integrated Safety Oversight System</b> Georges Schmitz – EMPIC, Germany	
<b>12:30 – 14:00</b>	<b>LUNCH</b>	<b>LUNCH</b>	
<b>14:00 – 14:30</b>	<b>Ensuring 100% Data Awareness</b> Paolo Sommariva – FL3XX, Austria	<b>Aviation System Risk Profiles</b> Stacey-Marie Syne – Integrated Aviation Analysis (IAA) Section, ICAO	
<b>14:30 – 15:15</b>	<b>PANEL DISCUSSION: Applying Data Governance Effectively and Productively</b> Panel Members: Sonu Goel; Hyuntae Jung; Paolo Sommariva; Lennaert Speijker Moderator: Kim Miller	<b>PANEL DISCUSSION: Improving Oversight Activities through Use of Data</b> Panel Members: Matthew Margesson; Paul-Emmanuel Thurat; Georges Schmitz Moderator: Javier Puente	
<b>15:15 – 15:45</b>	<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>	
<b>15:45 – 16:15</b>	<b>Digital Integration: The Key to Future-Proofing</b> Diego Magrini – Integrated OPS Solutions, UK	<b>Enhancing Data Transparency and Operational Efficiency in China</b> Huijuan Yang – VariFlight, China	
<b>16:15 – 16:45</b>	<b>Connect, Monitor, and Share: From Safety Data to Safety Intelligence, using ICAO’s Safety Information Monitoring System (SIMS)</b> Ruviana Zimmerman – Integrated Aviation Analysis (IAA) Section, ICAO	<b>Smart Airports: Intelligent Aviation Infrastructure by Leveraging Artificial Intelligence and Machine Learning for Safety, Security and Operational Efficiency</b> Vijay Narula – OST Global, USA	
<b>16:45 – 17:00</b>	<b>Wrap up and end of day one</b>	<b>Wrap up and end of day two</b>	