

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

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