

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

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