FlightGlobal

Aerospace Big Data Americas

Conrad Miami, Florida, 11-12 September 2018
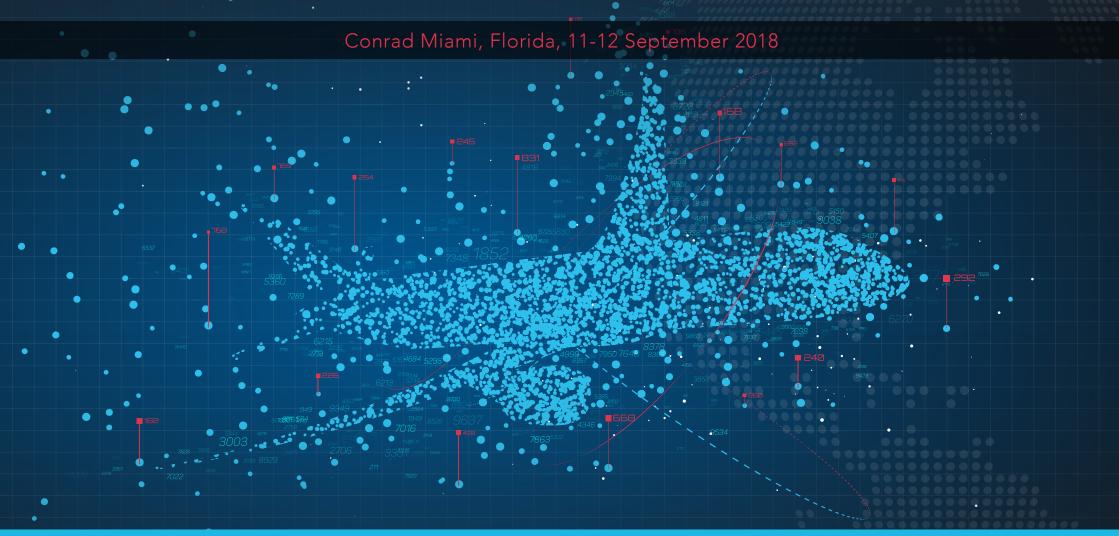
How big data is revolutionizing the aerospace industry

With discussions at the leading edge of the aviation industry, FlightGlobal is now launching the Aerospace Big Data conference series, bringing the conversation to the Americas, Europe and Asia.

Featured speakers

Agenda

08:00 **Coffee & Registration**

09:00 **Welcome & Opening Remarks**
Andrew Doyle, *Director, Aerospace Market,* FlightGlobal

09:05 **FlightGlobal Data Insights**
Andrew Doyle, *Director, Aerospace Market,* FlightGlobal

09:30 **Keynote: What will the Intelligent Engine do to change the game for airlines and the industry?**
- How data increasing exponentially can be turned into actionable insight with real outcomes
- What airlines and OEMs need to bring to the table to make those outcomes happen

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09:40 **PANEL DISCUSSION: Maximising opportunities in predictive maintenance**
- How are airlines managing big data cohesively across the organization?
- How do they create business models that support big data and drive transformations?
- Buy vs build? How are MRO strategies evolving?

Panel: LATAM Airlines *(Speaker tbc)*
Rolls Royce *(Speaker tbc)*
Chris Markou, *Head, Operational Cost Management,* IATA

10:10 **KEYNOTE: Digitalization in the MRO business**
- Efficiently managing and integrating the influx of data from next-gen aircrafts into the MRO network
- Effects of next-gen aircraft and Big Data on evolving MRO strategies

10:30 **PANEL DISCUSSION: How do fleet retirements and next gen aircraft impact MRO prospects?**
- What does the adoption cycle look like and how does the business model change as the technology advances?
- How to achieve a seamless integration of new technologies in older fleets
- Streamlining data analytics and storage across a global fleet

11:10 **Mid-Morning Coffee & Networking**

11.40 **KEYNOTE INTERVIEW:**
Tom Romanowski, *Director of Tech Ops Analytics,* United Airlines
Gavin Jones, *Managing Director, Engineering,* United Airlines
Moderator: **Andrew Doyle,** *Director, Aerospace Market,* FlightGlobal

12.10 **PANEL DISCUSSION: Enabling a connected aircraft**
- How can aircraft data be collected reliably and efficiently?
- Logistical challenges posed by geographical differences in data availability, infrastructure and connectivity
- Bandwidth constraints and the cost of data transfer
- Optimising operational connectivity without impacting IFEC systems

12.50 **Lunch & One-to-One Networking**

14:00 **Afternoon keynote**

[Speaker tbc]

14:20 **PANEL DISCUSSION: Real-time health management**
- What diagnostics and prognostics looks like in practise
- Creating visibility to help prioritize real-time fault messages and schedule maintenance efficiently
- The challenges of data harmonization, security and exchange

Panel: Dave Bourdages, *Vice-President, In-Flight Services and Customer Experience,* Air Transat
American Airlines *(speaker tbc)*
Tanya Peart, *Maintenance Engineer,* Air Canada

15:00 **Afternoon Tea & Networking**

15:30 **KEYNOTE: Building the business case for predictive maintenance**
- How business models are changing to align with Big Data and predictive analytics
- Resolving the lack of trust that prevents data sharing between internal functions

Marcin Tustin, *Data & Engineering Consultant*

16:00 **PANEL DISCUSSION: The challenges of data collection and standardization**
- Internal barriers: How to establish the correct alignments to be able to share data seamlessly and meet all objectives, as well as build trust
- How much in-flight data is useful?
- Segregating in-flight operational and passenger data

Panel: Marcin Tustin, *Data & Engineering Consultant*
Aneel Ali, *CIO,* Caribbean Airlines

16.40 **Chair's Wrap of Day 1**

16:45 **Drinks Reception and Networking**

Agenda

08:00 **Coffee & Registration**

09:00 **Opening remarks from the Chair**
Nikolaos Vasiloglou, *Machine learning consultant & Founder,* Analytics1305 LLC and Ismion

09:10 **Opening Address: Benefiting from predictive maintenance with IoT**
Raj Singh, *Managing Director,* JetBlue Technology Ventures

09:40 **PANEL DISCUSSION: Data collaboration for MRO**
- Where is industry collaboration needed?
- Can the industry come to a consensus?
- Preventing disclosure of airline-specific data that could harm their competitive position

10:20 **Mid-Morning Coffee & Networking**

10:50 **KEYNOTE PRESENTATION: Disrupting maintenances with A.I**
Nikolaos Vasiloglou, *Machine learning consultant & Founder,* Analytics1305 LLC and Ismion

11:30 **PANEL DISCUSSION: Profiting from predictive maintenance**
- Where is predictive analytics having the biggest impact on maintenance cost?
- Ensuring MRO strategy meets ROI criteria
- Identifying new opportunities to improve dispatch reliability and reduce cost

12.10 **Chair's Conference Wrap-up**

12:20 **Lunch & Networking**

Why attend?

LISTEN and learn from those at the forefront of big data in the civil airline business

EXPAND your professional network with the entire aerospace industry including: airlines, MROs, OEMs, technology providers, consultants and suppliers

ENGAGE and re-connect with the industry over two days in sunny Florida

GET INSPIRED by those sharing practical big data methods and techniques

Testimonials from London 2017

"A good first step in the topic as some concrete results have been well explained by some experts (eg data scientists)"
Jacques-Oliver Guichard, Air France

"The most comprehensive Aerospace Big Data event of the year with digital solutions depth and audience breadth. The facilitation was also great. thank you again for your persistence to work with the GE Team to fit into the year-end rush"
Ivan Hutter, GE Aviation

"Good networking opportunities and passionate discussions"
Royston Phoon, Singapore Airlines

Great pool of specialists in an exquisite environment
Joel Ferreira, TAP Air Portugal

"The place to be to meet the shakers in Aviation Big Data"
Jaime Baringo, Airbus

"An insightful discussion into collection and use of bulk real-time data"
John Brooks, FLYdocs

Don't miss out

Here is everything you need to know to secure your place:

Fees

	Airlines	Suppliers/consultants
On or before 15 July 2018	**$299**	**$825**
From 16 July 2018	**$399**	**$995**

*see website for definitions

Accommodation

We have agreed a limited number of bedrooms with the hotel at a discounted rate of $209 per room per night, single occupancy, excluding tax/service charge/gratuity. Please book early to avoid disappointment as rooms are allocated on a first-come, first-served basis.

Group rates are available, 5% discount for 3-4 delegates, 10% for 5 or more

3 easy ways to book

flightglobal.com/bigdata-usa

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