

Flight Safety Foundation IASS 2018 PROGRAM

Last updated October 22, 2018

Sunday, November 11

1400 – 1800

Ballroom C – D foyer

Registration and Information Desk Open

Pickup your registration materials here and get answers to all your questions

1700 – 1730

Diamond

Speaker Meeting (Day 1)

Monday, November 12

0730 – 1700

Ballroom Foyer

Registration and Information Desk Open

Pickup your registration materials here and get answers to all your questions

0730 – 0830

Ballroom C – D

Breakfast with Exhibitors

Join us for breakfast and networking before the day begins

0830 – 0850

Ballroom A – B

Sponsored by Airbus

Welcoming Remarks

Where have we come from and where are we going in safety and technology, where the foundation is putting its energy and what the industry is using to advance its capability.

Speakers:

Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation

Mr. Jon Beatty, President & CEO, Flight Safety Foundation

Mr. John Hamilton, VP Engineering, The Boeing Company, Chairman, Board of Governors, Flight Safety Foundation

0850 – 0930

Ballroom A – B

Sponsored by Airbus

Opening Keynote

Speaker:

Dr. Greg Hyslop, Chief Technology Officer, The Boeing Company

0930 – 1000

Ballroom A – B

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Session I – Safety Performance – State of the World

State of the World on Safety Performance and how we are keeping the safety performance hazard and risk information protected from being used in punitive manner.

Session Moderator: Capt. Bill Curtis – FSF International Advisory Committee Chair

0930 – 1000 Aviation Safety 2018 – Successes and Challenges

Speaker:

Mr. James Burin, Flight Safety Foundation Fellow

1000 – 1030

Ballroom C – D

Business Break

1030 – 1200

Ballroom A – B

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Session I – Safety Performance – State of the World (continued)

1030 – 1100 Global Safety Report – International Air Transport Association (IATA)

Speaker:

Mr. Blair Cowles, ASPAC Regional Director, Safety and Flight Operations, IATA

1100 – 1200 Information Protection – Litigation Perspective

Panel moderator:

Mr. Kenneth Quinn, Partner, Baker & McKenzie LLP

Panelists:

Mr. Jonathan Aleck, Executive Manager, Legal and Regulatory Affairs, CASA, Australia

Mr. Gerard Forlin, QC, Cornerstone Barristers (Invited)

Mr. Steven C. Marks, Partner, Podhurst Orseck P.A.

1200 – 1210

Ballroom A – B

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FSF President's Citation

1210 – 1330

Ballroom C – D

Sponsored by Rolls Royce PLC

Lunch

1330 – 1500

Ballroom A – B

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Session II – Achieving One Level of Safety

Achieving One Level of Safety across the airspace and operations. Examining the challenges of similar performance between Cargo and Passenger Operations, integrating UAS within the airspace and achieving the performance levels for exceeding expectations.

Session Moderator: Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation

1330 – 1400 Passenger and Cargo Operations... What's the Difference?

Speaker:

Capt. Richard Hughey, Chair, President's Committee for Cargo, ALPA

1400 – 1430 Basic Aviation Risk Standard (BARS) Program

Speaker:

Mr. David Anderson, Managing Director, BARS Program, Flight Safety Foundation

1430 – 1500 Autonomous and Remotely Piloted Vehicles in our Airspace: IFR, VFR, or Something Else?

Speaker:

Dr. Sheila Conway, Technical Fellow, The Boeing Company

1500 – 1510

Ballroom A – B

FSF/Airbus Human Factors Award

1510 – 1540

Ballroom C – D

Sponsored by Rolls Royce PLC

Afternoon Business Break

1540 – 1630

Ballroom A – B

Sponsored by Airbus

Session III – Safety as a Steady Investment

Return on Safety Investments – We all must spend money wisely and get the best return on our investments in safety. Where do we turn to understand short term and long-term gains?

Session Moderator: Mr. Steve Doyle – The Presage Group

1540– 1630 Safety Costs as an Investment

Panelists:

Mr. John Brogan, President & CEO, USAIG

Mr. Tim Boland, Senior Vice President, Underwriting, Global Aerospace

Mr. Eduardo Dueri, Managing Director, JLT Aerospace, Latin America

1630 – 1640

Ballroom A – B

Laura Tabor Barbour Award

1640 – 1715

Ballroom A – B

Speaker Meeting (Day 2)

1800 – 2100

Sponsored by The Boeing Company

Welcome Reception: Museum of Flight

The Museum of Flight is the largest independent, non-profit air and space museum in the world! Join us as we dine with 175 aircraft and spacecraft, tens of thousands of artifacts, millions of rare photographs, dozens of exhibits and experiences and a world-class library. The Museum and its people bring mankind's incredible history of flight to life.

Tuesday, November 13

0730 – 1700

Ballroom Foyer

Registration and Information Desk Open

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0730 – 0830

Ballroom C – D

Breakfast with Exhibitors

Join us for breakfast and networking before the day begins

0830 – 0900

Ballroom A – B

Day 2 Keynote

0830 – 0900 Aviation Cyber Security Management

Speaker:

TBD

0900 – 1000

Ballroom A – B

Sponsored by Embraer

Flight Operations Breakout
Track

Session IV: Technology in Safety and Training

Technology in Safety and Training our Pilots for the best results in Operations, from eye tracking to EBT efforts

Session Moderator: Mr. Sean Cassidy – FSF International Advisory Committee Member

0900 – 0930 Eyes are Never Quiet – Towards Eye Tracking as a Practical Training Tool

Speakers:

Capt. Mark Cameron, Pilot, Emirates Airlines

Dr. Nicklas Dahlstrom, Human Factors Manager, Emirates Flight Operations Training

Mr. Patrick Nolan, General Manager, Aviation, Seeing Machines

0930 – 1000 Evidence Based Training

Speaker:

Capt. Andy Mitchell, CEO, Use Before Flight

0830 – 1000

Willow

Sponsored by Embraer

Maintenance and Engineering
Breakout Track

Session IV – Maintenance and Engineering Breakout Track

Session Moderator: Mr. Joe Barclay – FSF Maintenance Advisory Committee Member

0830 – 1000 Integration of Human Factors into Maintenance Safety Management

Panelists:

Dr. Bill Johnson, Chief Scientific and Technical Advisor, Human Factors in Aircraft Maintenance Systems, Federal Aviation Administration

Mr. D. Smith, Aviation Safety Division Manager, U.S. Department of Transportation, Transportation Safety Institute

Mr. Douglas Neufeldt, Manager, SMS and Regulatory Programs, United Airlines

1000 - 1030

Ballroom C – D

Sponsored by ALPA Int'l

1030 – 1200

Ballroom A – B

Sponsored by Embraer

Flight Operations Breakout
Track

Morning Business Break

Session V – Operational Risks and Hazards

Operational Risks and Hazards we can face or we all must handle day in and out.

Session Moderator: Mr. Randy Kenagy – FSF International Advisory Committee Member

1030 – 1100 Introduction to Ice Crystal Icing

Speaker:

Ms. Melissa Bravin, Propulsion Operability Engineer, AR, Boeing Commercial Airplanes, The Boeing Company

1100 – 1130 Non-Precision Approach Challenges (The JFK Canarsie)

Speaker:

Capt. Joe DeVito, Technical Pilot, Special Projects, JetBlue

1130 – 1200 Strategic Investments in Fatigue Management

Speakers:

Mr. Matt Humlie, Manager, Flight Operations Quality Management (retired), Alaska Airlines

Capt. Matthew Kalouner, Human Factors Working Group, Alaska Airlines

Dr. Daniel Mollicone, CEO, Pulsar Informatics

1030 – 1200

Willow

Sponsored by Embraer

Maintenance and Engineering
Breakout Track

Session V – Maintenance and Engineering Breakout Track

Session Moderator: Mr. Joe Barclay – FSF Maintenance Advisory Committee Member

1030 – 1100 Continued Operational Safety

Speaker:

Mr. Gregory Borsari, Aviation Accident Investigator, Maintenance, National Transportation Safety Board

1100 – 1200 Maintenance Line Operations Safety Assessment (M-LOSA) Program

Panelists:

Dr. Maggie Ma, Associate Technical Fellow, The Boeing Company

Ms. Christine Zylawski, FRAEs, Head of Regulatory Compliance, MLOSA Expert, Air France

Mr. Li Chen, Safety and Quality Department, China Eastern Airlines

Mr. Timeca Norman, Manager, LOSA Programs, United Airlines

1200 – 1320

Ballroom C – D

Sponsored by Rolls Royce PLC

Lunch

1320 – 1330

Ballroom A – B

Aireon Presentation to the Flight Safety Foundation

1330 – 1500

Ballroom A – B

Sponsored by Embraer

Session VI – Continuing Investigation Role

The accident investigation results still contribute to safety despite the industry's excellent performance. Ideas about continued operational safety, 20 years after Swiss air accident and its impact on today's safety, technology in aviation accidents – friend or foe?

Session Moderator: Mr. Frank Hilldrup – FSF International Advisory Committee Member

1330 – 1410 Twenty Years After Swissair: One Accident's Impact on Aviation

Speaker:

Ms. Kathy Fox, Chair, Transportation Safety Board of Canada

1410 – 1430 Air Safety Investigations

Speaker:

Mr. Frank Haselbach, Chief Engineer, Large Engine Programs, Rolls-Royce

1430 – 1500 Technology in Aviation Accidents – Friend and Foe

Speaker:

Dr. Katherine A. Wilson, Senior Human Performance Investigator, National Transportation Safety Board

1500 – 1530

Ballroom C – D

Afternoon Business Break

1530 – 1700

Ballroom A – B

Sponsored by Embraer

Session VII – Airport Surface Issues

Runway safety includes both lining up and using the correct surfaces at the right time & the successful landings and takeoff operations. While it doesn't happen often we need to safeguard against the landing or taking off in the wrong place OR not stopping when and where we need to. The incidents that have almost created an accident are as important to learn from as the accidents.

Session Moderator: Mr. Ratan Khatwa – FSF International Advisory Committee Member

1530 – 1700 Wrong Surface Landings in Aviation

Panelists:

Mr. James Fee, Manager, Runway Safety Group, Federal Aviation Administration

Capt. Steve Jangelis, Aviation Safety Moderator, ALPA International Air Safety Organization

Mr. Khalil Elia Kodsi, P.E., Manager, Airport Engineering Division, Federal Aviation Administration

Mr. Joe Sedor, Chief, Major Investigations, National Transportation Safety Board

Air Canada

1700 – 1730

Ballroom A – B

Speaker Meeting (Day 3)

1700 – 1800

Ballroom C – D

Sponsored by Rolls Royce PLC

Networking Reception in the Exhibit Hall

Wednesday, November 14

0730 – 1700

Ballroom Foyer

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Ballroom C – D

Sponsored by USC Viterbi
School of Engineering

Breakfast with Exhibitors

Join us for breakfast and networking before the day begins

0830 – 1000

Ballroom A – B

Sponsored by GE Aviation

Session VIII – Studies in Safety: From Error to the Future

Taking a closer look behind the scenes on operations. Little Error, Big Risk: SFO Risk of Runway Overrun on Takeoff from Airport runway analysis and FOQA experiences, Advancing and Assessing Pilot Competencies with Mid-Fidelity Simulation, How will Pilots and Future Systems Interact?

Session Moderator: Mr. Harry Nelson – FSF International Advisory Committee Vice Chair

0830 – 0900 Little Error, Big Risk: SFO Risk of Runway Overrun on Takeoff

Speaker:

Capt. Neil Raaz, Sr. Manager Flight Safety Assurance and Compliance, FOQA Program Manager, American Airlines

0900 – 0930 Max Fidelity or Max Learning? – Advancing and Assessing Pilot Competencies with Mid-Fidelity Simulation

Speaker:

Capt. Mark Cameron, Pilot, Emirates Airlines

Dr. Nicklas Dahlstrom, Human Factors Manager, Emirates Flight Operations Training

0930 – 1000 How will Pilots and Future Systems Interact? – Automation, Autonomy, and Artificial Intelligence: Lessons Learned and Considerations for Future Aviation Systems

Speaker:

Dr. Kathy Abbott, Chief Scientific and Technical Advisor, Flight Deck Human Factors, Federal Aviation Administration

Dr. Sylvain Hourlier, MD MSc, Human Factors Senior Expert, Thales Avionics

1000 – 1030

Ballroom C – D

Sponsored by United Airlines

Morning Business Break

1030 – 1200

Ballroom A – B

Sponsored by GE Aviation

Session IX – Knowledge Building and Retention

Industry Knowledge Building between stakeholders – Common Aviation Risk Models – An International Collaboration to Share Risk Knowledge, FSF safety knowledge management activities, FSF Global Safety Information Project/Program

Session Moderator: Capt. Mark Burtonwood – FSF International Advisory Committee Member

1030 – 1100 Common Aviation Risk Models – An International Collaboration to Share Risk Knowledge

Speaker:

Mr. Bob Dodd, Senior Director, Risk Management, The Aloft Group

1100 – 1130 Flight Safety Foundation Safety Knowledge Management Activities

Speakers:

Mr. Tzvetomir Blajev, Operational Safety Coordinator, Eurocontrol, Moderator, FSF European Advisory Committee

Capt. Ed Pooley, Principal Consultant, The Air Safety Consultancy

1130 – 1200 Global Safety Information Project (GSIP)

Speaker:

Mr. Mark Millam, Vice President, Technical, Flight Safety Foundation

1200 – 1330

Ballroom C – D

Sponsored by China Aviation
Development Foundation

Lunch

1330 – 1500

Ballroom A – B

Sponsored by GE Aviation

Session X – Data Analytics and Sharing

Data Analytics and Sharing, Harnessing data analytics to discover risks threatening future operations and design mitigation plans, Data Sharing: Beyond ASAP and FOQA, Safety Performance and Analytics

Session Moderator: Mr. David Mawdsley – FSF International Advisory Committee Member

1330 – 1400 Harnessing Data Analytics to Discover Risks Threatening Future Operations and Design Mitigation Plans

Speaker:

Mr. Panayiotis (Panos) Nicolaou, Decision Scientist, R² Data Labs

1400 – 1430 Data Sharing: Beyond ASAP and FOQA

Speaker:

Capt. Steve Jangelis, Aviation Safety Moderator, ALPA International Air Safety Organization

1430 – 1500 Safety Performance and Analytics

Speaker:

Mr. Wallace Feerrar, Program Manager, Center for Advanced Aviation System Development, MITRE Corporation

1500 – 1530

Ballroom C – D

Afternoon Business Break

1530 – 1645

Ballroom A – B

Sponsored by GE Aviation

Session XI – Fatigue Issues, Human Factors, and Safety Culture

Fatigue, Human Factors, and Managing Safety Culture – knowing how normal behaviors can be predictable across the population of pilots and other staff. Programs that respect the individual's integrity and capability will help to bring out the best performance

Session Moderator: Mr. George Hodgson – FSF International Advisory Committee Member

1530 – 1600 Collaboration

Speaker:

Mr. Dai Whittingham, Chief Executive, UK Flight Safety Committee

1600 – 1630 Just Culture for a Positive Safety Culture. Can a Toolkit Approach Really Work?

Speaker:

Mr. Chris Drew, Principal Consultant, Baines Simmons

1630 – 1645 Controlled Rest – Fatigue Countermeasures Group Report

Speaker:

Mr. Brad Favors, Manager, Fatigue and Human Performance, Southwest Airlines

1645 – 1700

Ballroom A – B

Closing Remarks