Flight Safety Foundation IASS 2019 Program
Last updated November 4, 2019

Sunday, November 3, 2019

0900 – 1700  Pre-Conference Meetings (Invitation Only)
- FSF International Advisory Committee Meeting and Lunch (0900 – 1200)
- Board of Governors Meeting and Lunch (0900 – 1430)
- SKYbrary Supervisory Board Meeting (1500 – 1700)

1400 – 1800  Registration and Information Desk Open
Ballroom Foyer
Pickup your registration materials here and get answers to all your questions

1700 – 1730  Speaker Meeting (Day 1)
Grand Ballroom

Monday, November 4, 2019

0730 – 1700  Registration and Information Desk Open
Ballroom Foyer
Pickup your registration materials here and get answers to all your questions

0730 – 0830  Breakfast with Exhibitors
Mandarin Ballroom
Join us for breakfast and networking before the day begins
Sponsored by Aireon

0830 – 0850  Welcoming Remarks
Grand Ballroom

Speakers:
- Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation
- Dr. Hassan Shahidi, President & CEO, Flight Safety Foundation
- Capt. Conor Nolan, Director of Safety and Security, Aer Lingus, and Chairman, Board of Governors, Flight Safety Foundation

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0850 – 1000  Opening Session
Grand Ballroom

0850 – 0910  Taipei Host Address
Speaker:
- Dr. Chia-Lung Lin, Minister of Transportation and Communications, Taiwan (ROC)

0910 – 0935  Opening Keynote
Speaker:
- Mr. CHOW Kok Wah, Assistant Honorary Secretary, Association of Aerospace Industries (Singapore)

0935 – 1000  Featured Speaker
Speaker:
- Prof. Temel Kotil, President and CEO, Turkish Aerospace

Sponsored by The Boeing Company
1000 – 1030
Mandarin Ballroom
Morning Business Break

1030 – 1200
Grand Ballroom
Session 1 – Safety Analysis
Session Moderator: Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation

1030 – 1035
Welcome back

1035 – 1055
Global Status of Aviation Safety
Speaker: Mr. Thomas Anthony, Director, Aviation Safety and Security, University of Southern California

1055 – 1115
Global Safety Report – International Air Transport Association (IATA)
Speaker: Ms. Nancy Rockbrune, Head, Safety Management Systems, IATA

1115 – 1135
NOTAM Problematic
Speaker: Capt. Andre Vernay, Human Risk Program Manager, DGAC French Civil Aviation Authority

1135 – 1200
Questions
Sponsored by The Boeing Company

1200 – 1210
Mandarin Ballroom
FSF/Boeing Lifetime Achievement Award Presentation

1210 – 1330
Mandarin Ballroom
Lunch
Sponsored by Rolls-Royce PLC

1330 – 1500
Grand Ballroom
Session 2 – Safety Culture – An Eastern Perspective
Session Moderator: Capt. Bill Curtis, Chair, FSF International Advisory Committee

1330 – 1335
Welcome back

1335 – 1355
Conflict or Cooperation - The Safety and Judicial Investigation of an ATR-72 Accident in Taiwan
Speakers:
Mr. Daniel Huang, Prosecutor, Shilin District Prosecutors Office, Taiwan
Mr. Thomas Wang, Chief Investigator Aviation, Taiwan Transportation Safety Board

1355 – 1415
On Pilot Generational Difference and China Airlines Management Strategy
Speaker: Capt. Stanley Lu, A330 Instructor Pilot and Training Chief, China Airlines

1415 – 1435
Continuous Improvement of Safety Culture – The Practice of Using a Just Culture Decision Aid in China Airlines
Speakers:
Dr. Yulin Hsiao, Assistant Professor, Department of Industrial and Systems Engineering, Chung Yuan Christian University
Capt. I-KO (Eagle) Chen, Vice President of Corporate Safety, China Airlines

1435 – 1500
Questions
Sponsored by The Boeing Company

1500 – 1530
Mandarin Ballroom
Afternoon Business Break
Sponsored by Rolls-Royce PLC
1530 – 1700
Grand Ballroom

**Session 3 – Crisis Management – Part 1**

**Session Moderator:** Mr. Kenneth Quinn, Esq., General Counsel and Secretary, FSF Board of Governors

1530 – 1535
Welcome back

1535 – 1700
Outcome-based presentations and discussion

**Panelists:**
- Mr. Rémi Jouy, Director, BEA
- Mr. Steve Hansen, Chairman, National Safety Committee, National Air Traffic Controllers Association
- Mr. Andy Pasztor, Journalist, Wall Street Journal
- Mr. Shigeru Takano, Former Director General, Safety and Security Dept., Japan Civil Aviation Bureau (JCAB)

*Sponsored by The Boeing Company*

1700 – 1730
Grand Ballroom

**Speaker Meeting (Day 2)**

1730 – 1800
Welcome Reception bus loading

1800 – 2100
Taiwan Night Market at the 1919 Art and Culture Center – Welcome Reception

*Tentative Agenda*
- 1730 – 1820 – Buses load and depart from the lobby at the Mandarin Oriental, Taipei
- 1800 – 1900 – Cocktail hour
- 1900 – 2100 – Buffet Dinner and Entertainment
- 2100 – 2130 – Buses load back to Mandarin Oriental, Taipei

*Attire for this evening is business casual. Please no jeans or flip flops.*

*Hosted by China Aviation Development Foundation*

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**Tuesday, November 5, 2019**

0730 – 1700
Ballroom Foyer

**Registration and Information Desk Open**
Pickup your registration materials here and get answers to all your questions

0730 – 0830
Mandarin Ballroom

**Breakfast with Exhibitors**
Join us for breakfast and networking before the day begins

*Sponsored by Rolls-Royce PLC*

0830 – 0905
Grand Ballroom

**Day 2 - Welcome and Keynote Address**

0830 – 0840
Welcome and FSF Board Announcement

0840 – 0905
Keynote - National Aeronautics and Space Administration (NASA)

**Speaker:**
Mr. Robert A. Pearce, Acting Associate Administrator, Aeronautics Research Mission Directorate, NASA

*Sponsored by Airbus*

0905 – 1000
Grand Ballroom

**Session 4 – The Future of Unmanned Aerial Systems (UAS)**

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

0905 – 1000
Panel Discussion

**Panelists:**
- Mr. Clark Lin, Director of Flight Standards Division, Civil Aeronautics Administration Taiwan
- Mr. Akbar Sultan, Director, Airspace Operations and Safety Program, NASA

*Sponsored by Airbus*

1000 – 1030
Mandarin Ballroom

**Morning Business Break**

*Sponsored by ALPA Int’l*
Session 5 – Flight Deck Technology

**Session Moderator:** Dr. Ratan Khatwa, FSF International Advisory Committee Member

1030 – 1035 Welcome back

1035 – 1055 **Enhanced Vision Flight Systems for Commercial Aviation**
**Speaker:** Capt. Mike Gillen, Senior Manager Fleet Standards – B737, United Airlines

1055 – 1115 **The Influence of Automation on Pilot’s Skills: An Eye-tracking Study**
**Speakers:** Dr. Julia Behrend, Deputy Head of Flight Safety Research, Air France
Capt. Camille Lafargue, A320 Pilot, Head of Flight Safety Research, Air France

1115 – 1135 **Angle of Attack Indicators – Can they help?**
**Speaker:** Mr. Dai Whittingham, Chief Executive, UK Flight Safety Committee

1135 – 1200 Questions

_Sponsored by Airbus_

1200 – 1210 IASS 2020 Host Sponsor Announcement

1210 – 1330 Lunch

1330 – 1500 Session 6 – Safety Analysis Sharing

Session **Moderator:** Mr. Brad Sheehan, Managing Director of Flight Safety, Delta Airlines

1330 – 1335 Welcome back

1335 – 1355 **The Development of the Integrated Human Fatigue Investigation Methodology and its Application**
**Speakers:**
Mr. Danny Cheng, Senior Safety Investigator and Division Director, Taiwan Transportation Safety Board
Mr. Morris Yang, Safety Investigator, Taiwan Transportation Safety Board

1355 – 1415 **Data Sharing – The FSF AP Share Project**
**Speaker:**
Mr. Mark Millam, Master of Ceremonies and Vice President, Technical, Flight Safety Foundation
Mr. Tay Tiang Guan, Deputy Director-General, Civil Aviation Authority of Singapore (CAAS)
Mr. Tass Hudak II, Head of CAAS Work Plan, MITRE

1415 – 1435 **Achieving General Aviation Flight Data Monitoring – Application of a Lightweight Recording System**
**Speakers:**
Dr. Brian C. Kuo, Investigator, Flight Recorder Engineer, Taiwan Transportation Safety Board
Dr. Fu-yuen Hsiao, Associate Professor, Department of Aerospace Engineering, Tamkang University, Taiwan

1435 – 1500 Questions

_Sponsored by Airbus_

1500 – 1530 Afternoon Business Break

_Sponsored by GE Aviation Digital_

1530 – 1605 Session 7 – Featured Speaker

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

1530 – 1535 Welcome back

1535 – 1605 **Utilizing ADS-B Data to Improve Global Aviation Safety**
**Speaker:**
Mr. Cyriel Kronenburg, Vice President of Aviation Services, Aireon
Wednesday, November 6, 2019

0730 – 1700
Ballroom Foyer
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0730 – 0830
Mandarin Ballroom
Breakfast with Exhibitors
Join us for breakfast and networking before the day begins
Sponsored by University of Southern California

0830 – 1000
Grand Ballroom
Flight Operations Breakout Track
Session 8 – Risk Management – Flying Operations
Session Moderator: Ms. Linda Orlady, FSF International Advisory Committee Member

0830 – 0835 Welcome back

0835 – 0850 The Application of Artificial Intelligence to Causal Analysis of a Firm Landing Event – EVA Perspective and Practice
Speakers:
Mr. Danny Ho, Chief Executive Vice President, EVA AIR
Dr. Chi-Bin Cheng, Professor of Information Management, Tamkang University

0850 – 0905 Flight Operation Risk Assessment Calculator (FORAC) – An APP for Pilots
Speakers:
Ms. Jenny Tseng, Engineer, Corporate Safety, Security and Environment Division, EVA AIR
Mr. Danny Ho, Chief Executive Vice President, EVA AIR

0905 – 0925 Serious Incident Investigation
Speaker:
Ms. Martha Romero, Director of Safety, Norwegian Air UK

0925 – 0945 Operationalizing Touchdown Zone Landing Procedures to Improve Crew Go-Around Decision Making
Speakers:
Capt. Bill Curtis, Presage Group, and FSF International Advisory Committee Chair
Dr. Martin Smith, CEO, Presage Group

0945 – 1000 Questions
Sponsored by Embraer

0830 – 1000
Oriental 1
Maintenance and Engineering Breakout Track
Session 8 – Maintenance Safety Culture
Session Moderator: Mr. David Anderson, Director BARS, Flight Safety Foundation

0830 – 0835 Welcome back
Violation of Procedure: Attitudes and Behavior for Aircraft Maintenance
Speaker: Ms. Annike Nabben, Senior Training Expert, NLR – Netherlands Aerospace Center

Promoting Safety Awareness with Just Culture: A Case Study of China Airlines Efforts
Speaker: Mr. Kuang-Ying Yang, Department of Engineering and Maintenance Quality Assurance, China Airlines

Violation of Procedure: Attitudes and Behavior for Aircraft Maintenance
Speaker: Ms. Annike Nabben, Senior Training Expert, NLR – Netherlands Aerospace Center

Promoting Safety Awareness with Just Culture: A Case Study of China Airlines Efforts
Speaker: Mr. Kuang-Ying Yang, Department of Engineering and Maintenance Quality Assurance, China Airlines

0905 – 0930
Promoting Safety Awareness with Just Culture: A Case Study of China Airlines Efforts
Speaker: Mr. Kuang-Ying Yang, Department of Engineering and Maintenance Quality Assurance, China Airlines

0935 – 1000
Questions
Sponsored by Embraer

1000 – 1030
Morning Business Break
Sponsored by Pratt and Whitney

1030 – 1200
Session 9 – Pilot Training
Session Moderator: Capt. Steve Jangelis, Aviation Safety Chairman, Air Line Pilots Association

1030 – 1035
Welcome back

1035 – 1055
Startle and Surprise Training
Speaker: Mr. Edzard Boland, Training and Operator Performance Specialist, NLR – Royal Netherlands Aerospace Center

1055 – 1115
Breaking Airlines Flight Data Monitoring Barriers: A Pilot’s Perspective
Speaker: Capt. Bertrand de Courville, Consultant and Senior Advisor, CEFA Aviation

1115 – 1135
Connecting the Cockpit: Providing Real-Time Weather Information to Pilots
Speaker: Capt. Don Dobias, Air Traffic Services Group Chairman and MEC Training Committee Lead, Air Line Pilots Association

1135 – 1200
Questions
Sponsored by Embraer

1030 – 1200
Session 9 – Safety in Maintenance
Session Moderator: Mr. David Anderson, Director BARS, Flight Safety Foundation

1030 – 1035
Welcome back

1035 – 1105
Using Blended Learning to Make Augmented Reality Work in Maintenance Error Reduction
Speaker: Ms. Annike Nabben, Senior Training Expert, NLR – Netherlands Aerospace Center

1105 – 1135
The Management of Change in Maintenance
Speaker: Mr. Jorge Leite, Head of Quality and Safety, TAP Maintenance and Engineering, TAP Air Portugal

1135 – 1200
Questions
Sponsored by Embraer

1200 – 1330
Lunch
**Session 10 – Pilot Health**

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

- 1330 – 1335 Welcome back
- 1335 – 1405 Protecting Aviation Employee Health
  Speaker: First Officer Ellen Brinks, Chair, Aeromedical Group, Air Line Pilots Association
- 1405 – 1435 Avoiding Another Germanwings
  Speaker: Mr. Thomas Anthony, Director, Aviation Safety and Security, University of Southern California
- 1435 – 1500 Questions

*Sponsored by Embraer*

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**Session 10 – Basic Aviation Risk Standard (BARS)**

Session Moderator: Mr. David Anderson, Director BARS, Flight Safety Foundation

- 1330 – 1335 Welcome back
- 1335 – 1435 Safety in the Contract Aviation Environment – Humanitarian and Offshore Helicopter Perspectives
  Panelists:
  - Mr. Mike Hall, Commercial Director Leasing and Operations (helicopter) & Airwork Africa Pty Ltd – CEO, Airwork NZ Ltd.
  - Mr. David Anderson, Director BARS, Flight Safety Foundation
- 1435 – 1500 Questions

*Sponsored by Embraer*

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**Afternoon Business Break**

*Sponsored by Pratt and Whitney*

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**Session 11 – Crisis Management – Part 2**

Session Moderators: Mr. Mark Millam, Capt. Mike Gillen, and Capt. Harry Nelson, FSF International Advisory Committee Members

- 1530 – 1650 Outcomes and Group Discussion

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**Closing Remarks**