

72nd Annual International Air Safety Summit (IASS 2019)

Taipei, Taiwan
4-6 November 2019

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IASS 2019 – Released Presentations

Flight Safety Foundation IASS 2019 Program

Monday, November 4, 2019

0830 – 0850

Welcoming Remarks

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

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

1030 – 1200

Session 1 – Safety Analysis

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](#)

1330 – 1500

Session 2 – Safety Culture – An Eastern Perspective

[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

1530 – 1700

Session 3 – Crisis Management – Part 1

Outcome-based presentations and discussion

Panelists:

Mr. Rémi Jouty, 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)

Tuesday, November 5, 2019

0830 – 0905

Day 2 – Welcome and Keynote Address

National Aeronautics and Space Administration (NASA)

Speaker:

[Mr. Robert A. Pearce, Acting Associate Administrator, Aeronautics Research Mission Directorate, NASA](#)

0905 – 1000

[Session 4 – The Future of Unmanned Aerial Systems \(UAS\)](#)

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

1030 – 1200

Session 5 – Flight Deck Technology

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](#)

1330 – 1500

Session 6 – Safety Analysis Sharing

[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

1530 – 1605

Session 7 – Featured Speaker

1535 – 1605 Utilizing ADS-B Data to Improve Global Aviation Safety

Speaker:

[Mr. Cyriel Kronenburg, Vice President of Aviation Services, Aircon](#)

Wednesday, November 6, 2019

0830 – 1000

Flight Operations Breakout Track Session 8 – Risk Management – Flying Operations

[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

0830 – 1000

[Maintenance and Engineering Breakout Track Session 8 – Maintenance Safety Culture](#)

0835 – 0905 Violation of Procedure: Attitudes and Behavior for Aircraft Maintenance

Speaker:

[Ms. Anneke Nabben, Senior Training Expert, NLR – Netherlands Aerospace Center](#)

0905 – 0935 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](#)

1030 – 1200

[Flight Operations Breakout Track Session 9 – Pilot Training](#)

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](#)
[Capt. Courville – Supporting documents](#)

1115 – 1135 Connecting the Cockpit: Providing Real-Time Weather Information to Pilots

Speakers:

[Capt. Don Dobias, Air Traffic Services Group Chairman and MEC Training Committee Lead, Air Line Pilots Association](#)

1030 – 1200

[Maintenance and Engineering Breakout Track Session 9 – Safety in Maintenance](#)

1035 – 1105 Using Blended Learning to Make Augmented Reality Work in Maintenance Error Reduction

Speaker:

[Ms. Anneke 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](#)

1330 – 1500

Flight Operations Breakout Track Session 10 – Pilot Health

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](#)

1330 – 1500

Session 10 – Basic Aviation Risk Standard (BARS)

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](#)

1530 – 1650

Session 11 – Crisis Management – Part 2

1530 – 1650 Outcomes and Group Discussion