

## Tuesday 18 October 2016

Moderator *Peter Swaffer, SRK Sweden*

- 08:30 Briefing for moderator and speakers**
- 09:00 Seminar Opening**  
Thorkell Agustsson, Director of Icelandic ITSB - Chair ISASI 2016  
Geirhrudur Alfredsdottir Chairman of ITSB  
Frank Del Gandio – President ISASI  
Presentation of Kapustin Scholars  
Welcome address by Ministry of Interior  
Ragnhildur Hjaltadóttir, Permanent Secretary
- 09:30 Keynote Address**  
Keith Conradi, Chief Inspector, HSIB
- 10:00 Sukhoi Superjet - Airborne Image Recorder Supported Investigation**  
Ragnar Gudmundsson, Icelandic ITSB
- 10:35 Protection of Investigation Records**  
Marcus Costa, ICAO
- 10:50 Morning Break**
- 11:15 Reverse-Engineering the Causal Links Reveals Safety Analysis Issues**  
David Romat and Sébastien David, BEA France
- 11:50 Investigating a MD-88 Runway Excursion**  
Joshua Migdal, Delta Air Lines
- 12:25 Kapustin scholar, Carly Shoemake**
- 12:35 Lunch**

Moderator *Kaare Halvorsen, AIB Norway*

- 13:30 Briefing for moderator and speakers**
- 14:00 Investigation of Single-pilot Operation Accidents**  
Fabio Bonnett, Embraer
- 14:35 Collaborative Component Examinations**  
Eric East, Boeing Commercial Airplanes
- 15:10 Feedback from the Tutorial on Extending the Networks**  
Olivier Ferrante, ESASI
- 15:20 Afternoon break**
- 15:40 Feedback from the Tutorial on Military Accident investigations**  
Jim Roberts, Boeing
- 15:50 Kapustin scholar, Taylor Beall**
- 16:00 National Society Meetings**

## Wednesday 19 October 2016

Moderator *Jim Roberts, Boeing*

- 08:30 Briefing for moderator and speakers**
- 09:00 Keynote Address**  
Paulo Soares Oliveira Filho, Investigations Manager Air Safety, Embraer
- 09:30 MH17 Safety Investigation**  
Kas E. Beumkes, Dutch Safety Board
- 10:05 Safety Recommendations: A foundational building-block to EASA's Safety Risk Management process**  
Mario Colavita, European Aviation Safety Agency
- 10:40 Morning Break**
- 11:15 Aviation Safety Improvements: Advancing Safety Through Multiple Means**  
Kristi Dunks, National Transportation Safety Board
- 11:50 Accidents During Non-Precision Approaches – Still a Recurrent Issue**  
Thomas Lepagnot, Airbus
- 12:25 Kapustin scholar, Jiaqi Cao**
- 12:35 ISASI Business Meeting**
- 12:55 Lunch**

Moderator *Anthony Brickhouse, Embry-Riddle Aeronautical University*

- 13:30 Briefing for moderator and speakers**
- 14:00 Using a Drone and Photogrammetry Software to Create Orthomosaic Images and 3D Models of Aircraft Accident Sites**  
Stuart Hawkins, UK AAIB
- 14:35 Extend the Network and Exploit Available Resources: Lessons Learnt from Two Major Investigations**  
Michael Guan, Aviation Safety Council, Taiwan
- 15:10 Afternoon break**
- 15:30 Cabin Safety Aspects in Accident Investigations: A Crucial Link**  
Martin Maurino, ICAO
- 16:10 ISASI Working Group Meetings**



## Thursday 20 October 2016

Moderator *Rob Carter, AAIB United Kingdom*

- 08:30 Briefing for moderator and speakers**
- 09:00 Keynote Address**  
Kathy Fox, Chair of TSB Canada
- 09:30 Germanwings Safety Investigation**  
Romain Bevilard, BEA France
- 10:05 An Additional Approach to Establishing the State of Operation of a Turbofan Engine During an Aircraft Accident**  
Douglas Zabawa, Pratt & Whitney
- 10:40 Morning Break**
- 11:15 The effect of commuting on pilot self-assessment of stress and performance**  
Thomas Friesacher & Matthew Greaves, Cranfield University
- 11:50 Investigating Linkages Between an Occurrence Event and an Organisations' Safety System Performance**  
Heather Fitzpatrick, Australian Transport Safety Bureau
- 12:25 Kapustin scholars, Andre Woenardi / Yasmeen Syed**
- 12:35 Lunch**
- Moderator *Martin Puggaard, Accident Investigation Board Denmark*
- 13:30 Briefing for moderator and speakers**
- 14:00 Alliance or Rebellion: Linking Efforts of State Safety Oversight Agencies**  
Jeff Guzzetti, Federal Aviation Administration
- 14:35 Aircraft Controllability and Primary Flight Displays Every link is important**  
Knut Lande, LandAvia Ltd
- 15:10 Afternoon break**
- 15:30 Links for a Successful Investigation**  
Luis Gracia, Airbus (Military)
- 16:10 Introduction to ISASI 2017**
- 16:30 Seminar Closes**  
Frank Del Gandio, President ISASI

Monday 17 October 2016

## Tutorial 1: Extending the Networks

(room: Gullteigur A)

Morning: 09:00 – 12:30

- **Doc 9946 - Manual on Regional Accident and Incident Investigation Organization (RAIO)**

*Marcus Costa, International Civil Aviation Organisation*

- **The European Network of Civil Aviation Safety Investigation Authorities**

*Olivier Ferrante, European Society of Air Safety Investigators*

- **The NORDIC Accident Investigation Group (NAIG)**

*Thorkell Agustsson, Director of ITS, Chair of ISASI 2016*

- **Banjul Accord Group Accident Investigation Agency (BAGAIA)**

**A Regional Accident Investigation Organization (RAIO) in West Africa**  
*Caj Frostell, BAGAIA Commissioner*

- **Regional Cooperation in Asia and Pacific Regions**

*Mr Chong Chow Wah, Air Accident Investigation Bureau of Singapore*

- **AIG Regional Cooperation Mechanism of South America**

*Mr Daniel Barafani, Director of Investigations, JIAAC (Junta de Investigación de Accidentes de Aviación Civil)*

12:30 Lunch

Afternoon: 14:00 - 16:15

- **In it for the long run – Lockerbie to Ethiopian 787**

*Rob Carter, Air Accident Investigation Branch United Kingdom*

- **Cooperation among manufacturers**

*Marion Choudet, ATR & Mike Gamlin, Rolls Royce*

- **Expanding the network: Universities and research institutions**

*Dr Matthew Greaves, Cranfield University*

- **Extending safety investigations to medical events**

*Keith Conradi, Chief Investigator, Healthcare Safety Investigation Branch*

- **Wrap-up and Conclusions**

*Olivier Ferrante, ESASI*

**All presentations will be available to download on 27 October 2016 for Conference delegates only**

Monday 17 October 2016

## Tutorial 2: Military Accident Investigations

(room: Hvammur)

Morning: 09:00 - 12:30

- **MH17: Mission beyond borders**

*Ron Smits, Dutch Safety Board, Netherlands*

- **10 Year of Experience in Swedish Military Accident Investigation**

*Agne Widholm, Statens haverikommission (SRK), Sweden*

- **Lessons learned on the way to conduct a multinational safety investigation from the Hellenic Air Force F-16D Mishap case (Jan 26, 2015)**

*Brigadier General Bruno Caitucoli & Lcl Jean-Marc Imbault, BEAD-Air, France*

- **Maintenance of Investigation Skills in periods of reduced activity**

*Major Stephen Turner, UK Defence AIB*



12:30 Lunch

Afternoon: 14:00 - 16:15

- **Indoctrinating Minds to 101%**

*Fahad Masood, Pakistan Air Force*

- **An alternative way of tracking aircraft based on Doppler effect phenomenon**

*Piotr Ptak, Lappeenranta University of Technology, Finland*

- **Ignition Temperatures in Aircraft Fluid Fire Investigations – Which One to Use?**

*Albert Moussa, BlazeTech Corporation*

- **Unmanned Aerial System Use for Enhancing Aircraft Accident Investigations**

*Jeff Kraus, Boeing*

- **Wrap-up and Conclusions**

*Jim Roberts, Boeing & Wing Commander Neil Bishop, UK Defence AIB*

**The Social Program can be found on page 4 of the Practical Guide.**



The International Society of Air Safety Investigators

and

The European Society of Air Safety Investigators

welcome you to the

**2016 ISASI Annual Seminar:**

**“Every link is important”**

# Technical Program

