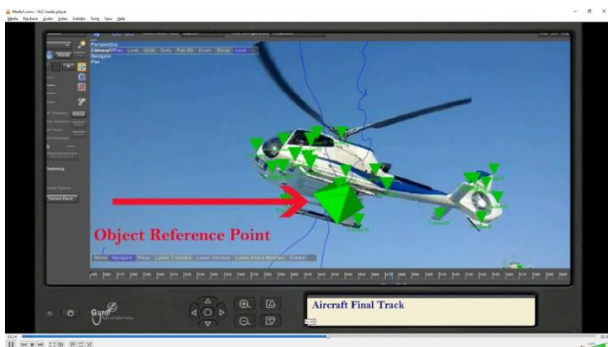


## Air Accident Investigation – Why, How and the Future Technology

*Co-organized by Aviation Services Research Centre, The Hong Kong Polytechnic University*



By **Darren Straker**

*Chief Inspector*

*Air Accident Investigation Authority*

*Transport and Housing Bureau*

*Hong Kong Special Administrative Region Government*

**Date:** 29 November (Thursday) 2018

**Time:** 6:30pm – 8:00 pm

**Venue:** Lecture Theatre ST111, 1/F Core S (between S Core and T Core, with access from S Core only), The Hong Kong Polytechnic University

## Programme Highlights

The lecture will cover 3 sub-topics, namely:

**A. Title: Coincidence is a Finding: Two accidents, 11 months apart, similar Lithium-ion Battery Cargo, same result**

Subtitle: what would happen if the same cargo fire occurred on a civil aircraft

*Case to be discussed: UPS Flight 06 - Cargo fire and loss of control in flight/Boeing 747-400F and Asiana Flight 991*

**B. Title: Technology in the use of accident investigation**

*Case to be discussed: Airbus Helicopter EC-135-B4 - Loss of Control in Flight, Mechanical Failure of Incorrect Pilot Technique?*

**C. Title: How will safety investigation change to meet the evolving challenges of the next frontier in mobility and the use of remote flying technologies?**

*How will we investigate incidents with future aircraft: Pilotless Automated VTOL flying taxis, large electric UAV's, Hybrid helicopters, and sub orbital space flight?*

## About the Speaker

Darren Straker is the Chief Inspector of Air Accidents with the Air Accident Investigation Authority (AAIA), Hong Kong.

Prior to working in Hong Kong he was the Chief Air Accident Investigator with the General Civil Aviation Authority in the United Arab Emirates for seven years, where he was the Investigator-in-charge (IIC) of the UPS Boeing 747 Freighter accident that occurred in 2010.

Working for Airbus in France, he was involved in the A380 design, research and development, flight test safety and entry into service requirements, while also being a member of the Airbus Accident GO Team he attended several high level accidents as a technical advisor.

He is an experienced pilot of both fixed and rotary wing aircraft with a specific background in acceptance, developmental test and evaluation.

## Language

English

## CPD

Attendance certificate will be available on request.

## Registration & Enquiries

This lecture is free of charge, prior registration is required. The number of participants is limited to 270 and applications will be accepted on a first-come first-served basis with priority to members of the Aircraft Discipline / Division. For registration, please click [HERE](#). Only successful applicants will be notified by e-mail on or before 23 November 2018. For enquiries, please contact Ir Eric CHEUNG via e-mail [HKIE.AC.2018@gmail.com](mailto:HKIE.AC.2018@gmail.com).