

**Association of
Aerospace Industries
(Singapore)**

AAIS Updates: 21 July 2021



New AAIS members in 1st half of 2021

AAIS warmly welcomes the 10 new members who joined us in the first half of 2021!

- Air Freight Logistics Singapore Pte Ltd (Ordinary Member)
- Embraer Asia Pacific Pte Ltd (Ordinary Member)
- Enterprise Ireland (Associate Member)
- Institute of Technical Education (Associate Member)
- Laminar Aviation Infotech Pte Ltd (Ordinary Member)
- RHTLaw Asia LLB (Associate Member)
- Ryan Griffin Pte Ltd (Associate Member)
- Singapore Flying College Pte Ltd (Ordinary Member)
- Tradenet Services Pte Ltd (Associate Member)
- Transfingo Aviation Solutions Pte Ltd (Ordinary Member)



RHTLaw Asia

RYAN GRIFFIN



Most Popular AAIS Webinars

For the work year ending 30 June 2021, AAIS has conducted 22 webinars - an average of 2 per month. This is not counting other virtual events such as networking, focus group discussions, etc.

The most popular webinar topics were:

- Artificial Intelligence
- Advanced Air Mobility
- Cold Spray Additive Manufacturing
- Quality Management Systems
- Business Innovation

- Aircraft Finance and Leasing
- Aerospace & MRO trends

We will continue to organise relevant programmes for our members in this work year, and welcome your inputs on topics of interest.

Highlights

Drone industry and market trends (28 July 2021, 4pm)

Tune in on **Wednesday, 28 July 2021 at 4 pm** for this webinar, jointly presented with Experia Events in conjunction with Rotorcraft Asia and Unmanned Systems Asia. We will be examining the drone markets by region as well as the commercial market trends and dynamics with **Hendrik Boedecker, CFO & Co-founder of Drone Industry Insights**. We also welcome **Zhang Weiliang of Avetics Global** and **Matthias Gronstedt of HHLA Sky** to share their take on the market and technology trends with the discussion moderated by CE AAIS. Register below to participate.

WEBINAR:

**DRONE
INDUSTRY AND
MARKET TRENDS
– USE CASES AND
MARKET VALUES**

**28 JULY 2021
4PM – 5PM (GMT +8)**

Jointly presented by:

 Association of
Aerospace Industries
(Singapore)

 ROTORCRAFT
ASIA

 UNMANNED
SYSTEMS ASIA

**HEAR FROM THESE
INDUSTRY EXPERTS**



**ZHANG
WEILIANG**
Founder,
Avetics Global Pte Ltd



**HENDRIK
BOEDECKER**
CFO & Co-Founder,
Drone Industry Insights



**MATTHIAS
GRONSTEDT**
Managing Director,
HHLA Sky



SIA KHENG YOK
Chief Executive,
Association of
Aerospace Industries

[Register now](#)

ICCAIA Second Asia Briefing (29 July 2021, 8am)

In this briefing on **Thursday, 29 July 2021 at 8 am**, **Anam Nazmul of ICAO Asia & Pacific Office** will introduce the work of ICAO Asia Pacific. **Sean Newsum of Boeing** will follow with an explanation of the Carbon Offsetting & Reduction Scheme for International Aviation (CORSIA), and **Bob Lee, Chair of ICCAIA's committee for CNS/ATM** will present an overview of Unmanned Aircraft Systems Traffic Management (UTM). Register below to participate.



[Register Now](#)

Recent Activities

Powder Bed Fusion and Directed Energy Deposition AM for Aerospace

In this AM Community webinar on 8 July 2021, we examined two metal AM technologies that are making inroads in Aerospace applications – Powder Bed Fusion (PBF) and Directed Energy Deposition (DED). **Pierre Pays and Oscar Derouette of BeAM Machines** discussed the merits of both technologies and their applications with case studies. Our appreciation goes to BeAM Machines for a highly informative session.



[View Recording](#)

Security of Aerial Cyber-Physical Systems

Drones are increasingly playing a positive role in society. However, as “flying computers” that collect, store and transmit data over wireless communications, they are potentially vulnerable to hacking. Drones have also been used for nefarious purposes, and vital installations are grappling with the problem of drone detection and countermeasures. Dr




[View Recording](#)

Upcoming Industry Activities



AI and Ethics in Aviation

 Jul 26, 2021
(4 PM - 5 PM)
(GMT+8)

It is now widely recognised that artificial intelligence (AI) offers new perspectives to businesses across many industries. However, the issue of ethical use of AI and data remains a highly controversial topic that could impact the adoption rate. The controversy often stems from the heightened safety concerns and complexity of AI operations, particularly in the aviation industry.

The European Union Aviation Safety Agency (EASA) has raised four major questions for introducing AI in aviation. They are:

- **How to establish public trust in AI-based systems;**
- **How to integrate the ethical dimension of AI (transparency, non-discrimination, fairness, etc.) in safety certification processes;**
- **How to prepare the certification of AI systems; and**
- **What standards, protocols, and methods we need to develop to ensure that AI will further improve air transport safety.**

To effectively harness the power of AI in the aviation sector, the industry should start to develop and adopt an AI ethical framework. In this event, our speakers will share their perspectives on the responsible application and the social values of AI in aviation for the future.


[Learn more](#)

[Register](#)



ICCAIA Second Asia Briefing

Presented in cooperation with ICAO Asia and Pacific Office

 Jul 29, 2021
(8 AM - 9:30 AM)
(GMT+8)

In this second Asia briefing by International Coordinating Council of Aerospace Industry Associations (ICCAIA), we

are pleased to address topics of deep interest to the aviation/aerospace community, presented by specialists in their field. The sessions will be moderated by our Vice Presidents and Permanent Representatives to ICAO, Mr Dan Carnelly and Ms Nina Brooks.

Mr Anam Nazmul, Regional Officer, Flight Safety of ICAO Asia Pacific Regional Office will introduce the work of ICAO, and in particular the priorities of the Asia Pacific office.

Mr Sean Newsum, Director of Boeing's Environmental Sustainability Strategy will speak on the Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA), a global market-based measure for aviation emissions. This scheme adopted by ICAO in 2016 is a global offsetting scheme, whereby airlines and other aircraft operators will stabilise aviation's net CO2 emissions at 2020 levels, while other emissions reduction measures are pursued.

Mr Bob Lee, Chairman of ICCAIA's Committee on Communications, Navigation and Surveillance Systems for Air Traffic Management (CNS/ATM) and Mitch Fox, ICCAIA Representative, will speak on the evolving field of Unmanned Aerial Vehicle Traffic Management (UTM). UTM is needed to safely integrate autonomously or remotely controlled operations of unmanned aerial systems into low altitude airspace.

[Learn more](#)[Register](#)

Aerospace Partners' Golf Tournament 2021

Sign up for a fun day with friends and contribute to a good cause



Aug 20, 2021
(GMT+8)



Tanah Merah Country...
Singapore

After a hiatus of a year, APGT will be held this year on 20 August 2021 at the Tanah Merah Country Club (Garden Course). We are all eager to get on the green with friends again! To take into consideration current safe distancing measures, there will be a change to the format, and there will be no networking dinner. As before, net proceeds will go towards supporting our chosen beneficiary, Cerebral Palsy Alliance of Singapore.

To participate, please download and complete the Participation Form and submit with payment.

Sponsors are welcome! Please contact Margaret at margaret@aaais.org.sg.

[Learn more](#)[Register](#)

Upcoming Courses

Supplier Quality Management (SQM) Course

Date: 26 & 27 Aug 2021

Type: Classroom Learning

This workshop provides participants the opportunity to acquire skills and competencies to manage supplier quality and to use proven quality tools and techniques to select, qualify, evaluate and

Introduction to Pyrometry AMS2750F ***Revised dates***

Date: 2 & 3 September 2021

Type: Classroom Learning

This course offers a comprehensive discussion on the current pyrometry requirements for heat treatment equipment based on SAE's AMS2750 specification. It will provide information of

develop their suppliers to achieve the desired outcomes.

latest changes to the requirements detailed in latest revision F of AMS2750.

[Find out more](#)[Find out more](#)

EASA Part 21 Subpart J – Design Organisation Approvals (DOA) ***Revised dates***

Date: 6 to 9 September 2021

Type: Virtual Instructor-Led Training (VILT)

This course will be conducted over 4 half-days and will touch on the legal and regulatory system, as defined through (EU) 2018/1139, and in detail (EU) 748/2012.

Certified Quality Engineer for Aerospace (CQEA) ***2nd intake***

Date: From 14 September 2021

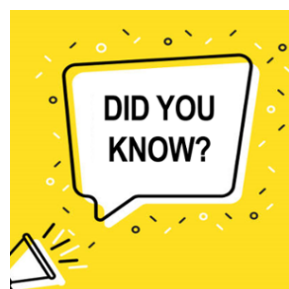
Type: Classroom Learning

Jointly organized by AAIS and SQI, this course will equip participants with a complete set of tools and techniques for control and improvement of product quality, reliability and safety for application within the aerospace industry.

[Find out more](#)[Find out more](#)

[View All Upcoming Events](#) | [View All Training Courses](#)

Explore our Services



You can join the event community and engage with the attendees!

- Join the event community to share your event profile information with the other attendees. Thereafter, you will be able view all other attendees in the community and add profiles of attendees you wish to track as "favourites".

[Join Community >](#)

Note: To create an account, go to <https://aais.glueup.com/register/by-email/>.



Day Pass for Runway21 Serviced Office

Need a temporary workspace at Seletar Aerospace Park?

You can now purchase a day pass for Runway21 serviced office at JTC Aviation Two Business Centre, subject to a limited capacity.

JTC Business Centre

ENJOY 50% DISCOUNT* ON ALL MEETING ROOM BOOKINGS

*Valid for room usage up to 31 December 2021

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