

# SINGAPORE UNMANNED AIRCRAFT SYSTEMS COMMUNITY

 AAS Association of Aerospace Industries (Singapore)

## SG UAS Community Updates: April 2022

### A warm welcome to our Community!

We are pleased to welcome **Flyability Pte Ltd** and **National University of Singapore** to our Community.



Flyability is a Swiss company building solutions for the inspection and exploration of indoor, inaccessible, and confined spaces. By allowing drones to be used safely inside buildings, it enables industrial companies and inspection professionals to reduce downtime, inspection costs, and risks to workers.



The National University of Singapore is considered one of the top most prestigious academic institutions in the world. It plays a key role in the development of modern technology and science, offering education and research, including Unmanned Systems and Urban Air Traffic Management.

### Round up of news during Singapore Maritime Week

The 16th edition of Singapore Maritime Week (SMW) 2022, was held from 4 to 8 April 2022 at Marina Bay Sands Expo & Convention Centre. The Maritime Drone Estate (MDE) was highlighted as a key infrastructure supporting the Sea Transport Industry Transformation Map. It was conceived as a regulatory sandbox, providing a conducive space for development and test-bedding of drone technologies for maritime use cases. Since its launch in 2021, the MDE has supported more than 10 drone companies, launching more than 100 trial flights.

In news released in conjunction with SMW,

- **Skyports**, ship management firm **Thome Group** and shipping company **Wilhelmsen group** signed a memorandum of understanding to scale up commercial trials of maritime delivery drones in Singapore's port waters.
- **F-drones** presented its new Hypercopter cargo drone capable of carrying 10 kg for 30 km.
- **Heron Technology** unveiled its proprietary Airbridge drone infrastructure platform that will allow multiple drone flights to be managed simultaneously.

[Skyports news](#)

[F-drones news](#)

[Heron Tech news](#)

## Seminar on Building Façade Inspection and Launch of TR 78-2:2021

**28 April 2022 (Thu), 9am to 5pm**  
**at Venus Grand Ballroom, level 3, Furama Riverfront**

This seminar will highlight various aspects relating to building façade inspection and present some initiatives in the training and certification of personnel. Technical Reference TR78-2:2021 will also be launched. This addresses the specification for quality management and application of artificial intelligence for building façade inspection using unmanned aircraft systems. The seminar is organised by The Institution of Engineers Singapore, supported by the Building and Construction Authority and Singapore Manufacturing Federation - Standards Development Organisation.

See below for programme details and registration.

[Seminar programme details](#)

# SEMINAR ON BUILDING FAÇADE INSPECTION 2022

and

Launch of TR 78-2:2021: Building facade inspection using unmanned aircraft systems (UAS) – Part 2: Specification for quality management and application of artificial intelligence (AI)

28 April 2022 (Thu)  
9.00am – 5.00pm

Venus Grand Ballroom  
Level 3  
Furama RiverFront

CPD (Approved)  
6 PDU (PE, CEng)  
CPD (Pending)  
STU (Safety, Structural)  
CPD (FSE, FSM)

## SPEAKERS



Er. Tay Ah Ching  
BCA



Mr Mathieu Meur  
DP Facade



Mr Teong Soo Soon  
WG for TR 78:2-2021



Dr Martin Saerbeck  
TÜV SÜD



Er. Chin Leong Siong  
BCA



Mr Adrian Brown  
Meinhardt



Er. David Ng  
ONE SMART Engineering



Ms Carol Lee  
TÜV SÜD



Mr Justin Chan  
Avetics Global



Er. Sivakumaran  
Murugesu  
Façade Inspector JAC /  
IES Academy

## FEES

IES Members: \$306.02

RE/RTO, CIJC Members: \$348.82

Non-Members: \$380.92

(Inclusive of one complimentary copy of TR 78-2:2021. All prices inclusive of GST)

**\*10% off** for group registrations of 5 or more participants

**P.S.:** Only registered participants who are fully-vaccinated will be allowed entry into the event venue. Walk-ins/partially/non-vaccinated persons will be turned away.



SCAN QR CODE  
TO REGISTER  
or visit:  
[bit.ly/bfi22sem](https://bit.ly/bfi22sem)

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## Survey on Use of TR78-1:2020

Enterprise Singapore (ESG) and the Singapore Manufacturing Federation - Standards Development Organisation (SMF-SDO) is conducting an industry survey to determine the adoption/ use of TR 78-1:2020 Building Façade Inspection using Unmanned Aircraft

Systems. Through the survey, SMF-SDO hopes to identify the benefits and challenges that the industry faces in adopting the standard.

Please take some time to complete the survey. Appreciate if you can submit your response by 22 April 2022.

[Complete the Survey](#)

## Drone Security Operations Certificate (DSOC)

Drones are cyber-physical systems, meaning they are hovering computer systems made up of networks similar to that of traditional IT systems. Increasingly, drones are internet-connected and hence provide new potential avenues for compromise leading to information leakage and data breaches which could result in significant financial and reputational loss.

If your organisation is developing drones in-house or purchasing them from a vendor, this often necessitates upskilling of staff in regard to the use, security and responsibilities that come with the use of drone technologies. Organisations, government bodies and councils have a duty of care to their staff, customers and the general public when it comes to the use of, and defence against, drones.

**DroneSec** specialises in creating and delivering the most up-to-date drone security programs that would benefit you and your organisation. You may acquire the following courses in a self-paced online environment:

### **Drone Security Operations Certificate (Online Training)**

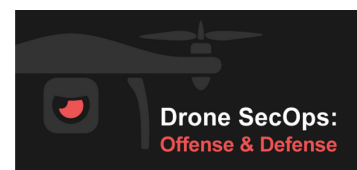
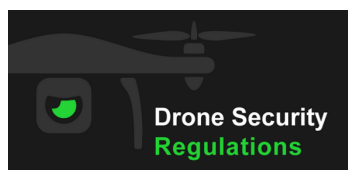
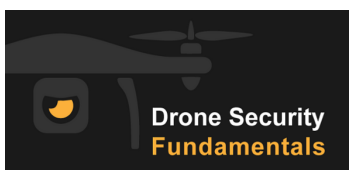
Level 1: Drone Security Fundamentals

Level 2: Drone Security Regulations

Level 3: Drone SecOps: Offense & Defense

**Enjoy a 25% discount when you sign up through the Singapore UAS Community** using the dedicated promotion code.

[Course details and registration](#)



## Advertise on Singapore Unmanned Aircraft Systems Directory 2022/2023

The Singapore Unmanned Aircraft Systems (UAS) Directory 2022/2023 will be published in May 2022. Consider listing in this directory to promote your businesses at relevant market platforms, including placement at the overseas offices of ESG and EDB, CAAS and overseas/ local tradeshow addressing smart cities and infrastructure, the resources sector, industrial sector and other appropriate local and overseas events.

For enquiries, please contact Ms Agnes Chua – Director of Sales & Marketing / Head of Publications at Mobile: +65 9182 8161 or email: [agneschua@aais.org.sg](mailto:agneschua@aais.org.sg).



### SINGAPORE UNMANNED AIRCRAFT SYSTEMS DIRECTORY 2022/2023



Association of  
Aerospace Industries  
(Singapore)

The Singapore Unmanned Aircraft Systems Directory is the only publication that provides a comprehensive reference to UAS capabilities in Singapore. Contact us to find out more about Features, Listings & Ads.

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### Upcoming Activities



#### GeoConnect Asia 2022



Jun 1 & 2, 2022  
(GMT+8)



Sands Expo & Conven...  
Singapore,

**Geo Connect Asia (GCA) 2022, is the second edition of the flagship geospatial and location intelligence industry trade show and conference for Southeast Asia. GCA 2022 is expected to double in size in terms of participants and floor space. This year's show, which will be a largely in-person format, promises to bring together the latest innovations in surveying and monitoring equipment, sensors, robotics and mapping solutions, among others. GCA 2022 will also be highlighting geospatial applications within the construction and unmanned aircraft systems industry via its Digital Construction Asia (DCA) and Unmanned Aerial Vehicle (UAV) Asia tracks.**

[Learn more](#)

[Register](#)

## Explore our services



**Let us notify you of upcoming AAIS events! You may register for them directly from your mobile phone.**

- Download the Membership Management Mobile App - My Glue, onto your mobile phone.



**My Glue**  
Business

- You will receive a notification when we publish a new event and you can register to attend.
- You may use the app for easy check-in at onsite events, access event information, and more.



### **UAS Indoor Testbed Facility at JTC A2 Building**

You may book this facility for industrial test-bedding of your UAVs.

[\*\*Click here for more details.\*\*](#)

Tel: (65) 6262 5336    Email: [\*\*JTCA2bookings@aaais.org.sg\*\*](mailto:JTCA2bookings@aaais.org.sg)



## Day Pass for Runway 21 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.

If you have any queries, please send an email to [stephanie\\_lo@aais.org.sg](mailto:stephanie_lo@aais.org.sg).

Share:





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