# NEWSLETTER

**January 2020**

## NEWS & UPDATES

### Sharing at Discover: CyberSecurity



Mr Freddy Tan, AiSP EXCO Lead for Student Volunteer Recognition Programme & Vice-President at Ensign InfoSecurity speaking to more than 80 Youths at Discover Cybersecurity at The Red Box on 15 Dec 19 to share on his experience in Cybersecurity.

### Div0 Christmas Party Charity Campaign



At Div0 Christmas party on 17 Dec 2019, attendees had fun catching up and refreshed their knowledge on Christmas, Threat Intelligence, Malware, DevSecOps, Singapore etc through charity quiz activity. Without the use of phones and computers to search for answers, the competitive teams were fired up to score as many correct answers as possible! HackerOne was also presented to share about how we can build a more collaborative cybersecurity ecosystem with ethical hackers. AiSP supported the merry event and encouraged its members to give generously to the needy via Community Chest during the festive season.

### AiSP Ladies in Cyber Mentorship Programme Briefing Session 2

The second session of the AiSP Ladies in Cyber Mentorship Programme Briefing was held on 5 Dec 19 at NTT Singapore Solutions Pte Ltd.



The students not only sought advice to their questions on cybersecurity career, but also pledged their support in the Ladies in Cyber Programme. AiSP will like to thank NTT Singapore Solutions Pte Ltd for their kind sponsorship to host us at their venue.



Interested to arrange school talks in your school in 2020 or looking at how you can be involved in the AiSP Ladies in Cyber programme? Please contact AiSP Secretariat via email to secretariat@aisp.sg for a discussion to see how we can work together.

## Cybersecurity Awareness & Advisory Programme (CAAP)

## CAAP Focus Group Workshop with RIMAS members

As part of AiSP partnership with RIMAS, AiSP organised the last CAAP Focus Group workshop in 2019 for AiSP and RIMAS members on 4 Dec at Lifelong Learning Institute. More than 40 members attended the workshop for an evening of knowledge sharing.



Sharing by Mr Johnny Kho, AiSP Vice-President and EXCO Lead for CAAP on the importance of cybersecurity and how it helps business.



Sharing by Mr Henry Ee, RIMAS Vice-President & Managing Director of Business Continuity Planning Asia Pte Ltd on How to integrate Business continuity with Cyber Security using the new ISO22301:2019.



Mr George Kesseiman, CEO of Anapi sharing on Using AI to Structure Cyber Risk



*AiSP aims to promote better cybersecurity awareness and preparedness of our SME companies and individuals through CAAP seminars, workshops and focus group discussion. We believe proactive awareness and a pre-emptive approach will help businesses avoid cybersecurity breaches that may have an adverse financial and reputational impact. Therefore, participation in this programme enables companies to focus on their business growth with confidence.*

CAAP workshops and focus group sessions are complimentary for participating SMEs. Please contact secretariat@aisp.sg if you want to uplift your organisation's cybersecurity capabilities today.

### Upcoming CAAP Activities

| Date | Event |
|------|-------|
| 5 Feb | **CAAP Focus Group Discussion & CNY Networking** |

## Student Volunteer Recognition Programme (SVRP)

After our inaugural SVRP Award in Nov 2019, AiSP is encouraging more students to be recognised for their volunteering efforts in 2020. The students are assessed on their skills such as cybersecurity or software skills; organise or support events; and leadership qualities. You can find out more about SVRP from our 2019 winners in this video.



The winners will be given internship opportunities with AiSP's partners listed below. your organisation would like to be onboard of our SVRP, please let us know.

## AiSP SVRP Internship Partners



## CSA Whistleblowing Channel

Announced in Dec 2019, CSA Whistleblowing Channel provides individuals with an avenue to disclose useful information on:

1) Cover-ups of cybersecurity incidents that may threaten the cybersecurity of Critical Information Infrastructure (CII);

2) Malicious behaviour and dereliction of duty from individuals that may compromise the cybersecurity of CII; or

3) Deliberate misstating or falsifying of information to CSA.

If you have information on the above, you may email CSA at whistleblowing@csa.gov.sg - more details via this link.

## ONGOING / UPCOMING ACTIVITIES

**Upcoming Events**

| Date | Event | By |
|------|-------|-----|
| 7 Jan | St Margaret's School Talk | Partner |
| 13 to 17 Jan | Ice71 Inspire Boot Camp | Partner |
| 14 Jan | Go Safe Online C.A.F.E | Partner |
| **16 Jan** | **SVRP IHL Round Table Session** | **AiSP** |
| **17 Jan** | **The Cybersecurity Awards 2019 Appreciation Party** | **AiSP** |
| **5 Feb** | **CAAP Focus Group Discussion & CNY Networking** | **5 Feb** |
| **11 Feb** | **AiSP Industry Event/ Members' Appreciation** | **AiSP** |
| 13 Feb | Cybersecurity Education Symposium 2020 | Partner |
| **14 Feb** | **Ladies in Cyber School Talk at CHIJ Our Lady Queen of Peace Primary School** | **AiSP** |
| 19 to 21 Feb | Fintech India 2020 Expo | Partner |
| 24 Feb to 22 May | ICE71 Accelerate | Partner |

For updates or more information about these events, please visit
https://www.aisp.sg/events.html

**Looking to be part of AiSP events in 2020?**
Please email to secretariat@aisp.sg for a brainstorming discussion to see how we can work together!

## PROFESSIONAL DEVELOPMENT

### Qualified Information Security Professional (QISP) Course

The QISP course is jointly developed by AiSP and the Institute of Systems Science, National University of Singapore. QISP is designed for entry to mid-level Information Security Professionals, and any IT Professionals who are keen to develop their knowledge in this field.

As QISP will be revised to complement AiSP's newly updated Body of Knowledge 2.0, the last QISP exam based on the Body of Knowledge 1.0 would be held in May 2020. For more information on exam registration, course fees and funding, please visit to www.iss.nus.edu.sg.

### BOK 2.0 Knowledge-Sharing and Networking Events

The Body of Knowledge (BOK) 2.0 caters to the professional development of information security (IS) personnel with relevant working experience between one to five years in Singapore. The domains in BOK 1.0 are currently covered in AiSP's Qualified Information Security Professionals (QISP) training.

As part of knowledge-sharing, AiSP would be organising regular knowledge-sharing and networking events based on the BOK 2.0 topics,
1. Governance and Management
2. Physical Security, Business Continuity and Audit
3. Security Architecture and Engineering
4. Operation and Infrastructure Security
5. Software Security
6. Cyber Defence

7. Cyber Threat Intelligence
8. OT/IOT
9. Emerging Trends

Please let us know if your organisation is keen to be our sponsoring speakers in 2020!

## MEMBERSHIP

**AiSP Annual Member Survey 2020**

We are conducting our Member Survey 2020 to understand our members' needs and aspirations better, so that we can better serve our members in the cybersecurity industry. Please click **here** to access or use the QR code,

This annual survey takes place from **1 Jan to 29 Feb 2020**, we look forward to your responses!

**Welcome ESET Asia Pte Ltd, our new Corporate Member!**

ESET Asia just came onboard as our Corporate Member under AiSP's Corporate Sponsorship Programme in 2020. For over 30 years, ESET® has been developing industry-leading IT security software and services for businesses and consumers worldwide - with solutions ranging from endpoint and mobile security, to encryption and two-factor authentication.

We invite them to share with our readers their insights on cybersecurity trends in 2020.

Each year, ESET security experts look back at the previous year and predict what the year ahead may bring in the area of cybersecurity and privacy. Here is a look at five trending topics that will impact the digital world in 2020.

**Trend #1 – Election interference**
Election security has been a popular topic of conversation in the wake of the 2016 US election, as well as the Brexit vote in the UK. As another US presidential election season approaches, this topic is grabbing headlines again. Various methods may be used by individuals, activist groups, nation-states and even cybercriminals as they attempt to interfere with the world's democratic processes for their own gain.

**Trend #2 – Advances in machine learning**
Advances in machine learning have brought considerable benefits to cybersecurity defenders, but some are looking to take advantage of it for unsavoury ends.

Machine learning powers many services we have come to depend on in our daily life. And with great power comes great potential for mayhem and destruction. As we're already seeing with deepfakes and facial recognition

technology, these technologies can be used to sow scepticism and create unfair biases. Machine learning-driven attacks will also be able to learn what worked and what didn't work on the fly and retrain themselves to bypass existing defences.

**Trend #3 – Turning the tide towards privacy**
Trust in our shared digital environment has not had a good run lately, and more people are on edge about safeguarding their digital data.

Developments in online advertising technology are increasingly targeted and manipulative, which is increasing consumer distrust. The most common authentication technique—usernames and passwords—is so weak that it's contributing to the pervading sense of distrust in our connected world. Upcoming legislation may increase the consequences for companies that abuse our trust or neglect their duty to protect our data.
Trend #4 – Smart cities and the Internet of Things
With more cities adopting smart technology, municipalities are changing the way they manage their basic operations and services.

The Internet of Things has provided a wealth of tools to help automate regular daily activities. But as few of these devices have been designed with privacy or security in mind, they've also provided an easily accessible and powerful tool for attackers to access networks.

**Trend #5 – Securing digital transformation**
As organisations continue with their digital transformation, they must rethink all aspects of their operations. How can they reap the benefits of going digital without getting derailed along the way by failing to address underlying cybersecurity challenges?

So many of the businesses, services and products we interact with are now connected, there is an expectation that everyone will get on this bandwagon – whether they are truly ready or not. Security and privacy need to be included in this transition from the outset, and how it is not just data and devices that must be considered—but people and processes, too.

*You can access the complete trends report, titled '[Cybersecurity Trends 2020: Technology is Getting Smarter – Are We?](#)' in ESET website.*

**Be Plugged into Cybersecurity Sector – Join us as a Member of AiSP!**

| Type | Benefits |
|---|---|
| **Individual Membership** | <ul><li>Recognition as a Trusted Infocomm Security Professional</li><li>Use the MAISP (Ordinary Member) title as your credentials</li><li>Free and discounted rates for events by AiSP and partners</li><li>Priority for activities, talks and networking events</li></ul> |
| **Corporate Sponsorship Programme (CSP)** | <ul><li>Listing on AiSP website as a Corporate Member</li><li>Free and discounted rates for events by AiSP and partners</li><li>Ten (10) complimentary AiSP memberships for the organisation</li></ul> |

| Type | Benefits |
|---|---|
| | ▪ Special invite as speakers for AiSP events<br>▪ One complimentary info/cybersecurity post in AiSP website (e.g. job advertisement, article) per month. |
| **Corporate Sponsorship Programme Plus (CSP+) / Corporate Membership** | ▪ Listing on AiSP website as a Corporate Member<br>▪ Free or discounted rates for events<br>▪ Complimentary AiSP membership for your staff as according to fee structure<br>▪ Special invite as speakers for AiSP events<br>▪ One complimentary info/ cybersecurity post in AiSP website per month. |
| **Academic Partnership Programme (APP)** | ▪ Inclusion of an AiSP Student Chapter for the Institute<br>▪ Ten (10) complimentary AiSP membership<br>▪ Listing on the AiSP website as an Academic member<br>▪ Review of Institute's cybersecurity course curriculum once a year<br>▪ Speakers from AiSP to speak at Student Chapter events |

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|---|---|
| | ▪ Free and discounted rates for events<br>▪ One complimentary info/cybersecurity post in AiSP website per month |

For more updates or details about the memberships, please visit www.aisp.sg/membership.html

**AVIP Membership**

The AiSP Validated Information Security Professionals (**AVIP**), the membership helps to validate credentials and experience for IS-related work including cybersecurity, professional development and career progression for our professionals. AVIP membership is the first in Asia to bundle the Professional Indemnity for professionals involved in cybersecurity related work, to give them greater assurance undertaking projects in Singapore and worldwide. Please visit our website or contact us for more details.

## CONTACT US
Please contact secretariat@aisp.sg for general or advertising enquiry.

AiSP outreach and programmes are made possible by our Academia and Corporate Partners.

## Corporate Members



## Academic Partners





📞   +65 6247 9552

✉   secretariat@aisp.sg

🌐   www.aisp.sg

📍   116 Changi Road
     #04-03 WIS@Changi
     Singapore 419718

The Association of Information Security Professionals (AiSP), formed in 2008, is an independent cybersecurity association that develops, supports and enhances industry technical competence and management expertise to promote the integrity, status and interests of Information Security professionals in Singapore.

We believe that in promoting the development of cybersecurity and increasing and spreading of cybersecurity knowledge, and any related subject, we help shape more resilient economies.

AiSP aims to be the pillar for Information Security Professional & Profession in Cyber by:
- Promoting the integrity, status and interests of information security professionals in Singapore.
- Developing, supporting as well as enhancing technical competency and management expertise in cybersecurity.
- Bolstering the development, increase and spread of information security knowledge and its related subjects.