


# Cyber Threat Intelligence Workshop Series - Advanced

Workshop Fee: HK\$3,200 (May apply up to HK\$6,400 subsidy)

\*Maximum saving, with the final grant subjects to approval.



The primary aim of this workshop series is to trigger structured analytical thinking based on the security skillset that professionals already have. Apart from theory, hands-on lessons are included, the participants will have plenty of chances to involve in threats intelligence! During the lessons, open source and commercial threat intelligence tools, such as OSINT, MISP, Autopsy, Cuckoo Sandbox, Kibana, Grafana, and many more will be covered too!

Programme code	10010486-02
Date and time	17 - 19 November 2020 09:00 - 18:00
Venue	Online Broadcast 
Medium	English
Limited Seats	Register now! Early bird on or before <u>13 Oct 2020</u> and member of organiser and supporting organisations will enjoy up to <b>HK\$300</b> discount!
Remarks	The deadline submission of the workshop application is <u>3 Nov 2020</u> . Late submission will NOT be considered.

## Supporting Organisations



## Workshop Fee

### For 2 days Foundation Workshop Fee :-

Early Bird Price : - Non-member: HK\$6,200 per person  
- Member of Organiser / Supporting Organisations: HK\$6,000 per person

Regular Price : - Non-member: HK\$6,400 per person  
- Member of Organiser / Supporting Organisations: HK\$6,200 per person

### For 3 days Advanced Workshop Fee :-

Early Bird Price : - Non-member: HK\$9,300 per person  
- Member of Organiser / Supporting Organisations: HK\$9,000 per person

Regular Price : - Non-member: HK\$9,600 per person  
- Member of Organiser / Supporting Organisations: HK\$9,300 per person

## Target Participants

This workshop is designed in a way that participants do not need to allocate extra time or preparation prior to the workshop. General IT security knowledge is sufficient with no special skillset required, or anyone with the role below is encouraged to join us too!

- Data & Security Analyst
- IT & Information Security Experts
- Law Enforcement Personnel
- Information Assurance Manager
- Chief Information Security Officers
- **Those who want to get your hands dirty in threats intelligence!**
- Information Security Engineers
- Incident Handling Experts
- Technical Team Leads
- Strategic Decision Makers

## Introduction and Objective

Cyber Threat Intelligence (CTI) Workshop Series is a **5-days workshop**, which is divided into two parts, a **CTI Foundation Workshop (2 full days)** to start with, and a **CTI Advanced Workshop (3 full days)** as a follow-up.

The workshop series is designed for security professionals who are interested to have deeper understanding of threat intelligence and how it can help in daily operation. By completing these two workshops, participants are enabled to understand Cyber Threat Intelligence and Applied Intelligence, and the differences between the two. Through Red-Teaming, the participant will have better insights on adversary tactics and techniques, in order to increase and improve defense against adversaries and intrusions!

**The CTI Foundation Workshop** enables participants to understand Cyber Threat Intelligence across strategic, operational, and tactical levels. By completing the workshop, the participants can relevantly involve in incident handling processes, as they will have a better overview of threat intelligence and the evolving threat landscape.

**The CTI Advanced Workshop** enables participants to understand, analyse, and process actionable information, and to produce basic threat intelligence reports for internal use. The workshop also equip participants with hands-on incident handling skills to counter basic cyber threats.

Participants who successfully complete these two workshops are equipped with skillset to design, utilise and maintain an internal Cyber Threat Intelligence system with reasonable budget, by using both open source and commercial tools!

***REMARK: For participant who wants to join the CTI Advanced Workshop only, it is required to pass a short online exam to evaluate whether the participant possesses sufficient cyber security knowledge/skillset to cope with advanced workshop's contents.***

## CTI Advanced Workshop – Applied Intelligence

The Advanced Workshop provides higher-level, more detailed and content-rich with plenty of hands-on exercises! Participants can learn how to identify key collection sources of threat information, structure the data to be exploited for internal and external sharing, gain insights into log analysis, intrusion detection, malware analysis, multiple kill chains, hypothesis and attribution, information sharing, and much more.

### **Day 1 (17 November 2020)**

- ✓ What sources could be used for Cyber Threat Intelligence (CTI)?
- ✓ The external information sources (Free & Paid)
- ✓ Exploit information through different domains, external datasets, TLS/SSL certificates, and more
- ✓ Understand the usage of strategic and operational CTIs through case studies
- ✓ **Hands-on:** How CTI could be leveraged in your organisation?
- ✓ Correlation between strategic, operational and tactical CTIs
- ✓ Tactical and technical intelligence and their outcomes (IoCs)
- ✓ **Hands-on:** Identify incident and threat actors, and matching them to IoC & IoA
- ✓ How to generate, understand and correlate campaigns

### **Day 2 (18 November 2020)**

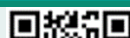
- ✓ The internal information sources
- ✓ Uses open source tools for basic log analysis, computer & network forensics, malware analysis, and convert them as internal CTI feeds
- ✓ **Hands-on:** Collect and analyse different logs
- ✓ Malware information collection & intrusion detection
- ✓ **Hands-on:** Malware analysis by using open source tools
- ✓ Introduction of computer and network forensics
- ✓ How to complete a basic level forensics
- ✓ The 10-Step approach for Kill Chain analysis
- ✓ Kill Chain analysis & multiple Kill Chains in simultaneous intrusion

### **Day 3 (19 November 2020)**

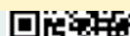
- ✓ RED Teaming – Understand your adversary
- ✓ Attribution – based on types, pitfalls, groups, and campaigns
- ✓ Geopolitical motivations vs. Cybercrimes
- ✓ CTI reports preparation in “human-friendly” way
- ✓ Hands-on: Best practice to prepare and present your findings based on the available CTI information on a chosen incident or threat actor
- ✓ Overviews of different intelligence sharing platforms (STIX, TAXII, MISP) and introduction to MISP
- ✓ Hands-on: Using MISP to verify and match CTI case studies with IoCs
- ✓ Set up your internal CTI/Applied Intelligence team within your budget

For the Foundation Workshop, please click the link for more details.

<https://www.home.hkpcacademy.org/en/10010486-01>



code TBC



## Certificate of Workshop

Participants who have attained at least 75% attendance of lecture will be awarded a Workshop Attendance Certificate.

## Trainer

### **Ms Anett MÁDI-NÁTOR**

Vice President, Strategic Business Development, International Operations  
Cyber Services Plc

Anett MÁDI-NÁTOR has more than a decade of experience in strategic and administrative layers of information security and cyber defence both as a private sector subject matter expert and as a government representative.

Her recent appointments include Hungarian MilCIRC Head of Coordination, Administrative Head of Hungarian government cyber security centre (Cyber Defence Management Authority within the National Security Authority), NATO Cyber Coalition Exercises Core Strategic and Administrative Planner, and Lead to NATO Cyber Defence Capability Team.

Up to the summer of 2015, Anett was the appointed primary policy and administrative contact point for Hungary in the Memorandum of Understanding in Cyber Defence between NATO and Hungary. Anett received a ministerial award for excelling public service in 2013.

Before her successful public service, Anett as International Project Management Expert and also as Lead Internal Trainer at the most significant private IT company in Hungary participated in great business developments and contributed to project successes.

Prior to public service and commercial business development, Anett started her professional career specialised in adult training mostly for the military, special forces, and IT professionals at public administration. As such, she is the Communication Module Lead at Cyber Institute Ethical Hacking Course.

Anett strongly supports cyber defence information sharing both in form of raising awareness as a qualified trainer and sharing information to enable defensive collaboration among all involved entities. As such, Anett took a significant role in launching the 'Coordinated Vulnerability Disclosure' Manifesto through Global Forum on Cyber Expertise, 2015.

Anett takes a strong role in the European Cyber Security Organisation (ECSO) where she is leading the working group responsible for cyber range and technical education programmes for the EU, and is a member of the ECSO Board Task Force on the future EU cybersecurity. She also participates at UN ITU regional Cyber Drill series, as cyber drill planner and coordinator.

Besides her successful public service and private business activities, Anett is a regular speaker at various cyber security events and conferences in Europe and in the Far East.

**Mr Ferenc FRÉSZ**  
CEO  
Cyber Services Plc

Ferenc FRÉSZ has gained 2 decades of experience in ethical hacking, IT and information security, also leading approximately 1,500 successfully completed international and domestic IT and information security projects, mainly related to critical information infrastructure protection.

Ferenc, as the former head of the Hungarian government cyber security centre (Cyber Defence Management Authority within the National Security Authority, Ministry of Justice and Public Administration), was the iconic figure of the creation of the national information security law in 2013. He was the most important national cyber representative in numerous NATO and EU cyber defense projects and procedures, as well as being a Core Technical Planner of NATO Cyber Coalition Exercises. In 2015, Ferenc was appointed the primary technical contact point for Hungary in the Memorandum of Understanding in Cyber Defence between NATO and Hungary. Ferenc received a ministerial award for excelling public service in 2012.

Before his remarkable public service as the Strategic Lead of the most significant private IT company in Hungary, Ferenc was responsible for Information Management and Business Intelligence business development. Prior to becoming the Head of IT at Budapest Airport, Hungary participated in the establishment of the IT infrastructure of HungaroControl Public Limited, the National ANSP (air traffic service provider) of Hungary.

Besides his successful public service and private business activities, Ferenc is a regular speaker at various cyber security events and conferences all over the world.

Ferenc strongly believes in business-to-business and business-to-government partnerships. As such, he actively supports knowledge transfer from business environment to boost national capabilities. Also, Ferenc is the Course Lead Trainer at Cyber Institute Ethical Hacking Course.

#### **RTTP Training Grant Application**

Companies should submit their RTTP training grant application for their employee(s) via <https://rttp.vtc.edu.hk/rttp/login> at least two weeks before workshop commencement. Alternatively, [application form](#) could be submitted by email to [rttp@vtc.edu.hk](mailto:rttp@vtc.edu.hk) along with supporting documents.

## **Enrolment method**

1. Scan the QR code to complete the enrolment and payment online.
2. Mail the crossed cheque with payee name "Hong Kong Productivity Council" (in HK dollar) and the application form should be mailed to Hong Kong Productivity Council, 2/F, HKPC Building, 78 Tat Chee Avenue, Kowloon (attention to Ms Judy LIU). Please indicate the workshop name and workshop code on the envelope.

(Only receipt printed with receipt printers at HKPC is valid. Receipt of cheque payment is subject to bank clearance.)

### Advanced Workshop



<https://www.home.hkpcacademy.org/10010486-02>