



Seminar on Professional Ethics and Forensics in a Digital World

6 November 2018

16:00-19:15 pm

Location: PwC Central, 43 Demostheni Severi Avenue, Nicosia

Program:

15:45-16:00 Registration

16:00-17:00 Professional Ethics: Code of Ethics and Business Conduct in the Workplace

17:00-17:15 Coffee Break

17:15-18:15 Forensics in a Digital World

18:15-19:15 Investigation Support: Malware Analysis and Intrusion Detection Techniques

Speakers

Prof. Maria Krambia-Kapardis.

B.Ec. (La Trobe), M.Bus (R.M.I.T), Ph.D (Edith Cowan), FCA, CFE.

Maria is currently an Associate Professor of Accounting with a specialisation in Forensic Accounting, at Cyprus University of Technology. Maria is the founder and first Chair of Transparency International-Cyprus (2010-2017) as well as the founder and first president of the Economic Crime and Forensic Accounting Committee of the Institute of Certified Public Accountants of Cyprus (2010-2014). In addition, for a number of years now, she is a member of the disciplinary body of the Institute of Certified Public Accountants of Cyprus and a co-founder and member of the Board of ACFE-Cyprus. Krambia-Kapardis is a Fellow member of the Institute of Chartered Accountants of Australia and a Certified Fraud Examiner and for a number of years has served as the Corruption Local Research Correspondent for the European Commission. In December 2017 she was also on the panel of experts for the European Court of Auditors to discuss EU Fraud.

Finally, Maria is on the editorial board of a number of peer-reviewed journals, has been the examiner of a number of PhDs and in 2017 she was commissioned by the Cyprus Ministry of Justice and Public Order to prepare a Report on Anti-Corruption Agencies. She has been the local coordinator for a number of EU Funded Projects and in 2017 the Gold Business Magazine named her one of the 100 most powerful and influential women in Cyprus.

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Nicholas Roussos

Nicholas is a Senior Manager in the Advisory department of PwC Cyprus. He started his career from Audit in the financial services sector and then, leveraging his IT background, he joined Advisory and specialized on Data Assurance, Computer-Assisted Audit Techniques, IT General Control reviews and Forensics (including Forensic Technology Solutions, Corporate Intelligence and investigations). He is dealing with forensics, as well as data-related and regulatory projects, with focus on AML. He holds Masters and Bachelor degrees in Information Technology and is a qualified Chartered Accountant (FCA), member of the ICAEW and the Institute of Certified Public Accountants of Cyprus. He is also a member of ACFE and of the Cyprus ACFE chapter.

Eleni Philippou

Eleni is a cybersecurity consultant, member of the PwC Cybersecurity and Privacy team. She has professional experience and technical expertise in Operational Security, Threat Hunting and Incident Detection and Response. Eleni has delivered a number of projects, across various industries, helping organisations identify & bridge gaps between their infrastructures and operations and industry best practice.

Eleni previously worked as a Security Operations Analyst in the Bank of England Security Operations Centre (SOC) supporting the development of the SOC's cyber-attack detection and response capability through data science, statistical and machine learning techniques. Eleni has conducted extensive threat-intelligence research to formulate detection strategies for various attacker Tactics, Techniques and Procedures and has extensively contributed to threat intelligence and incident sharing initiatives between central banks across the world. In her capacity as an endpoint detection & response specialist, Eleni has delivered numerous presentations to the ECB, Fed and various other Central Banks of the EU area.

Renos Nikolaou

Renos is a cybersecurity consultant, member of the PwC Cybersecurity and Privacy team, and he is a subject matter expert on Red Teaming and Information Security Risk Management. Renos has professional and technical expertise in cybersecurity and excellent working knowledge of network infrastructures.

Renos has been engaged as a key specialist for a number of projects, across many industry sectors in Cyprus. Work performed so far includes authorized penetration tests, red-team assessments, client-side attacks, forensic and malware investigations, technical security configuration reviews (e.g. firewall rule base reviews, operating system and application reviews against security baselines) and infrastructure design reviews. He has also been involved in security implementation projects aiming at improved risk management through re-designing security architecture and implementing hardened configurations.

Summary of Presentations

Professional Ethics: Code of Ethics and Business Conduct in the Workplace

The presentation is in two sections. In the first half of the presentation participants will be introduced to 100 tips to improve Professional Life covering issues such as: teammates, leadership and responsibility, bad apples, meetings, email and texting, social media, deadlines, integrity, separation between work and life.

In the 2nd part of the presentation, the participants will cover the implementation of a code of conduct. More specifically the following issues will be covered: leadership endorsement, relations with employees, customers, shareholders, suppliers, government, competitor, implementing and monitoring the Code of Conduct and guidance for employees. The presentation will conclude with a discussion of the ethical decision making tree.

Forensics in a Digital World

The presentation will explore the current state of forensic investigations in Cyprus and the challenges faced by forensic examiners in a digital world. The practicalities of planning and executing a forensic investigation and the use of technology and experts will be the main focus of the presentation. Practical examples will be presented, showing how data and analytics can be used to provide insights to the forensic examiner and support the examination process. Current themes affecting forensic investigations will also be touched upon, such as blockchain and artificial intelligence.

Investigation Support: Malware Analysis and Intrusion Detection Techniques

The presentation is in two sections. The first half will inform the audience on the work required of experts to support a forensic investigation. It will explain the need and the process of malware analysis and investigation, making use of examples and demos. It will also provide tips on identifying signs of malware infection and indications that you need to call an expert.

The second half will cover the areas of Threat Hunting, as part of Incident Detection & Response. Threat hunting is a hot topic at the moment. Going beyond traditional incident detection techniques, threat hunting calls for the cyber security analyst to actively look for signs of malicious activity within enterprise networks without prior knowledge of those signs. How do we go about detecting the needle in a haystack when we don't always know how the needle looks like? This presentation aims to introduce you to the cyber defender's mindset and methodology for incident detection and response.

ACFE Cyprus Chapter would like to thank PwC for hosting the seminar.

Participation is free but registration is compulsory.

Email: cyacfe@gmail.com

CPD/CPE 3 Hours