

Name: Dr. Kosmas Pipyros

Job Title: Associate Professor in Computer Science

Studies:

Postdoctoral Researcher, Depart. of Law, University of Cyprus, Research Area: “A multi-attribute privacy maturity methodology for assessing and managing personal data protection risks”, (Sept 2020 – present).

PhD in Information Systems Security, Depart. of Informatics, Athens University of Economics and Business, Doctoral Thesis: “A new systematic modelling methodology for improving cyber-attack evaluation on states’ critical information infrastructure” (Mar 2013 – Mar 2019).

MSc in Information Systems Security, Depart. of Informatics, Athens University of Economics and Business, MSc Thesis: “A comparative analysis of Intellectual Property Rights and Web 2.0 Applications”, (Oct 2009 – Sep 2011).

LLB in Law, Aristotle University of Thessaloniki, (Oct 2001 – Sep 2005).

Work experience:

National Information Technology Security Officer / Ass. Manager at the Information Technology Advisory & Management Consulting Department, KPMG Limited, Cyprus (Aug 2018 - present).

Researcher at Information Security & Critical Infrastructure Protection (INFOSEC) Laboratory, Department of Informatics, Athens University of Economics & Business, Athens, Greece (Mar 2013-Mar 2018).

Cyber Security & IT Analyst, Cyber Defence Directorate, Hellenic National Defence General Staff, Athens, Greece (Sep 2016 – Jul 2018).

Head of Information Security & Data Protection Dept., INFOSEC Authority, National Guard of Cyprus (Aug 2014 – Aug 2016).

Head of Information Security & Data Protection Dept., Hellenic Army’s Recruitment Data Center (Aug 2012 – Jul 2014).

Legal Adviser, Office of the Ministry of National Defence of Greece (Jul 2008 – Jun 2012).

Data Protection and Information Security Rapporteur, Hellenic Army’s Recruitment Data Center (Jan 2006 – Jun 2008).

Research:

Information systems security, Risk assessment methods, Multi-attribute decision making systems, Risk-based criticality analysis methodologies, Insider threat analysis and detection, Technical and legal aspects of Cyber warfare, International Law, Data protection.

Member in Councils:

International Information System Security Certification Consortium (ISC)²
International Association of Privacy Professionals (iapp.org)

Publications:

Publications in International Journals:

[1]. Pipyros K., Christos Thraskias, Mitrou L., Gritzalis D., Apostolopoulos T.: A new strategy for improving cyber-attacks evaluation in the context of Tallinn Manual, Computers & Security (Special Issue), Vol. 74, pp. 371-383, 2018.

[2]. Pipyros K., Mitrou L.: Cyber-attacks or Cyber warfare, Journal of Media & Communication Law, National Legal Library (Feb 2018).

[3]. Pipyros K., Mitrou L., Gritzalis D., Apostolopoulos T., "Cyber operations and International Humanitarian Law: A review of obstacles in applying International Law rules in Cyber Warfare", Information & Computer Security, Vol. 24, No. 1, pp. 38-52, 2016.

Papers in Referred Conference Proceedings:

[1]. Pipyros K., Mitrou L., Gritzalis D.: "Evaluating the effects of cyber-attacks on critical infrastructures in the context of Tallinn Manual, In Proc. of the 2nd NMIOTC Conference on Cyber Security in Maritime Domain, NATO Maritime Interdiction Operational Training Centre, Greece, September 2017.

[2]. Pipyros K., Thraskias C., Mitrou L., Gritzalis D., Apostolopoulos T., "Cyber-attacks evaluation using a simple additive weighting method on the basis of Schmitt's analysis", In Proc. of the 10th Mediterranean Conference on Information Systems (MCIS-2016), Springer, Cyprus, September 2016.

[3]. Pipyros K., Mitrou L., Gritzalis D., Apostolopoulos T., "A cyber-attack evaluation methodology", In Proc. of the 13th European Conference on Cyber Warfare and Security (ECCWS-2014), pp. 264-270, ACPI, Greece, July 2014.

Presented in International Conferences:

[1]. International Association of Privacy Professionals Conference 2019: 'Artificial Intelligence and GDPR: Does the General Data Protection Regulation deal sufficiently with AI?', IAPP, July 2019, Cyprus.

[2]. Cyber Security Congress 2018: 'Defending the Core: The Directive on Security of Network and Information Systems (NIS Directive)', KPMG, October 2018, Cyprus.

International Recognition of Work & Awards:

2005 Highest exam marks through the four years of undergraduate study (Honors / rank: 1st)