# **SPYROS A. KOKOLAKIS**

# 1. Personal

Full Name:	Spyros Kokolakis
Position:	Professor
Address:	University of the Aegean,
	Dept. of Information and Communication
	Systems Engineering,
	Karlovassi, 83200 Samos, GREECE
Office Telephone:	(+30) 22730 82233
Fax:	(+30) 22730 82279
Email:	sak@aegean.gr
Web page:	http://www.samos.aegean.gr/icsd/sak/

# 2. Education

2.1. Ph.D. (Information Systems), Athens University of Economics & Business (2000)
 <u>Area of Research</u>: Information Systems Security.
 <u>PhD Thesis</u>: Design and Management of Information Systems Security: Conceptual Framework, Methodologies, and Tools.

# 2.2. B.Sc. (Informatics), Athens University of Economics & Business (1991)

# **3. Current Position**

• Professor of Information Systems, Dept. of Information and Communication Systems Engineering, University of the Aegean.

# 4. Research Interests

- Privacy and Data Protection
- Information Systems Security Management
- Risk Analysis and Management
- Analysis and Design of Information Systems

# 5. Academic and Scientific Activities

### 5.1. Teaching Experience

### Postgraduate Courses

 [5.1.1] Lecturer/Assist./Assoc. Prof. Course: Information Systems Security (2018-2019), Information Systems Security Management (2005-2013, 2014-2017, 2022-2024), Postgraduate Programme on Technologies and Management of Information and Communication Systems, Dept. of Information and Communication Systems Engineering, University of the Aegean.

- [5.1.2] Assist./Assoc. Prof. Course: *Research Methodology* (2014-2015, 2016-2017), Postgraduate Programme on Technologies and Management of Information and Communication Systems, **Dept. of Information and Communication Systems Engineering, University of the Aegean.**
- [5.1.3] Assist. Prof. Course: Information Systems in Context (2007-2014), Information Systems, Project Management and Digital Entrepreneurship, Postgraduate Programme on Technologies and Management of Information and Communication Systems, Dept. of Information and Communication Systems Engineering, University of the Aegean.
- [5.1.4] Assist. Prof. Course: Information & Communication Systems Security and Privacy-Enhancing Technologies (2014-2016, 2017-2018), Postgraduate Programme on Technologies and Management of Information and Communication Systems, Dept. of Information and Communication Systems Engineering, University of the Aegean.
- [5.1.5] Lecturer. Course: *Standardisation-Certification-Evaluation* (2003-2004), Postgraduate Programme on Technologies and Management of Information and Communication Systems, **Dept. of Information and Communication Systems Engineering, University of the Aegean.**
- [5.1.6] Lecturer. Course: Cryptography I (2003-04), Postgraduate Programme on Technologies and Management of Information and Communication Systems, Dept. of Information and Communication Systems Engineering, University of the Aegean.
- [5.1.7] Teaching Assistant. Courses: Tools and Methodologies for the Development of Information Systems (1996-99), Software Engineering (1996-99), Postgraduate Programme on Information Systems, Dept. of Informatics, Athens University of Economics and Business.

### Undergraduate Courses

- [5.1.8] Lecturer/Assist./Assoc. Prof. (2000 current). Courses: Introduction to Computer and Communications Sciences (2011-2012, 2014-2015), Analysis and Design of Information Systems (2005-2013, 2014-2019), Methodologies and Tools for the Analysis and Design of Information Systems (2004-2016, 2017-18), Analysis and Design of Information Systems I (2000-04), Analysis and Design of Information Systems II (2000-04), Analysis and Design of Information Systems II (2000-04), Systems Theory (2000-02, 2004-2005, 2010-2011, 2022-2023), Software Engineering (2002-2003), IS Audit (2002-2003), Design and Development of Information Systems (2001-2002, 2009), Dept. of Information and Communication Systems Engineering, University of the Aegean
- [5.1.9] Teaching Assistant. Labs: *Information Systems Security (1997-2000)*, Dept. Of Informatics, Technical Educational Institute of Athens
- [5.1.10] Teaching Assistant. Labs: Information Systems Analysis (1995-99), Computer Programming (1994, 1998), Dept. of Informatics, Athens University of Economics and Business

# Seminars and Summer Schools

- [5.1.11] IPICS 2023 (European Intensive Programme on Information and Communication Technologies Security), **EIT Digital, Mytilene, 9-21 July 2023**.
- [5.1.12] IPICS 2018 (21<sup>st</sup> European Intensive Programme on Information and Communication Technologies Security), University of the Aegean, Mytilene, 2-13 July 2018.

- [5.1.13] IPICS 2017 (20<sup>th</sup> European Intensive Programme on Information and Communication Technologies Security), Ionian University, Corfu, June 28 -July 7, 2017.
- [5.1.14] IPICS 2014 (17<sup>th</sup> European Intensive Programme on Information and Communication Technologies Security), University of the Aegean, Mytilene, 7-18 July 2014.
- [5.1.15] IPICS 2013 (16<sup>th</sup> European Intensive Programme on Information and Communication Technologies Security), University of the Aegean, Samos, 14-27 July 2013.
- [5.1.16] PEST / Course: Security and Data Protection. e-Learning Programme, 2013-2015, University of the Aegean.
- [5.1.17] Risk Perception, Psychology and Economics of Information Security: A Multimethodological exploration. Half-day workshop, **Systems Centre, University of Bristol, UK, 17 February 2011**.
- [5.1.18] IPICS 2010 (13<sup>th</sup> European Intensive Programme on Information and Communication Technologies Security), **University of the Aegean, Samos, 19-30** July 2010.
- [5.1.19] IPICS 2007 (10<sup>th</sup> European Intensive Programme on Information and Communication Technologies Security), University of Glamorgan, 2-13 July 2007, Wales, UK.
- [5.1.20] IPICS 2005 (8<sup>th</sup> European Intensive Programme on Information and Communication Technologies Security), **18-29 July 2005, Chios, Greece.**
- [5.1.21] IPICS 2002 (5<sup>th</sup> European Intensive Programme on Information and Communication Technologies Security), **IFIP**, **8-19 July 2002**, **Samos**, **Greece**.
- [5.1.22] NORMA Seminar on Information Systems Security, Athens University of Economics and Business, 1999.

### 5.2. PhD Students

- [5.2.1] Supervisor of Andreas Skalkos and President of the Examining Committee. Thesis title: "Motivational Aspects of Information Privacy Behavior". University of the Aegean, July 2024.
- [5.2.2] Member of the Examining Committee of Ioannis Paspatis, Thesis title: "Transforming Information Privacy Behavior through Experiential Methods". Ionian University, March 2024.
- [5.2.3] Member of the Examining Committee of Nicolaos Maragos, Thesis title: "Digital Forensics in the Cloud". University of the Aegean, July 2023 (in Greek).
- [5.2.4] Member of the Examining Committee of Katerina Vgena, Thesis title: "Security and privacy in social software engineering, focusing on digital identy and geolocation". University of the Aegean, February 2023.
- [5.2.5] Supervisor of *Ioannis Stylios* and President of the Examining Committee. Thesis title: "Behavioral Biometrics for Continuous Authentication: Security and Privacy Issues". University of the Aegean, January 2023.
- [5.2.6] Member of the Examining Committee of Aikaterini-Georgia Mavroeidi, Thesis title: "Privacy awareness through gamification". University of the Aegean, September 2022.

- [5.2.7] Member of the Examining Committee of Foteini Argiana, Thesis title: "Dark sky paradox: A cosmological, historic and educational enigma. A new educational proposal". University of the Aegean, July 2021.
- [5.2.8] Member of the Examining Committee of Athanasios Goudosis, Thesis title: "Applications of Identity Based Cryptography (IBC) in Maritime and EGovernance sectors". University of Piraeus, July 2021.
- [5.2.9] Member of the Examining Committee of Manolis Chalaris, Thesis title: "A Holistic Approach for Academic Strategy using Strategic Management and Multi Criteria Decision Making Methods". University of the Aegean, December 2020.
- [5.2.10] Member of the Examining Committee of Konstantina Vemou, Thesis title: "Enabling privacy-preserving SNS communications by design: a stakeholders' approach". University of the Aegean, July 2020.
- [5.2.11] Member of the Examining Committee of Konstantinos Karampidis, Thesis title: "Image Steganalysis for Digital Forensics". University of the Aegean, June 2020.
- [5.2.12] Member of the Examining Committee of Lefkothea Spiliotopoulou, Thesis title: "Analysis & Design of an Opinion Mining System for Policy Making in E-Participation". University of the Aegean, November 2019.
- [5.2.13] Member of the Examining Committee of Ioanna Topa, Thesis title: "Analysing Information security behaviour: A Technological-Organisational-Individual framework and practical guidelines to enhance ISP compliance". University of the Aegean, August 2019.
- [5.2.14] Member of the Examining Committee of Dimitrios Papamartzivanos, Thesis title: "Advanced Machine Learning Methods for Network Intrusion Detection". University of the Aegean, June 2019.
- [5.2.15] Member of the Examining Committee of Zisis Tsiatsikas, Thesis title: "Detection and Prevention of Denial of Service Attacks in SIP and SDP". University of the Aegean, April 2019.
- [5.2.16] Member of the Examining Committee of Aggeliki Androutsopoulou, Thesis title: "Advanced Social Media Exploitation in Public Policy Formulations: Methods, Tools and Evaluations". University of the Aegean, February 2018.
- [5.2.17] Member of the Examining Committee of Niki Kyriakou, Thesis title: "Cloud Computing Adoption Factors and Business Value Determinants". University of the Aegean, January 2018.
- [5.2.18] Member of the Examining Committee of Dimitra A. Georgiou. Thesis title: "Security Policies for Cloud Computing", University of Piraeus, December 2017.
- [5.2.19] Member of the Examining Committee of Stavros Simou, Thesis title: "Designing Cloud Forensic-Enabled Systems". University of the Aegean, June 2017.
- [5.2.20] Supervisor of *Kalliopi Anastasopoulou* and President of the Examining Committee. Thesis title: "Privacy Decision-Making in the Digital Era". University of the Aegean, September 2016.
- [5.2.21] Member of the Examining Committee of *Prokopios Drogkaris*, Thesis title: "Security and Privacy in Electronic Government Information Systems". University of the Aegean, November 2013 (in Greek).
- [5.2.22] Member of the Examining Committee of *George Leventakis*, Thesis title: "Security of critical systems and infrastructures in the domain of heterogeneous and interconnected transport networks". University of the Aegean, October 2013 (in Greek).

- [5.2.23] Member of the Examining Committee of *George Aggelinos*. Thesis title: "Disaster Recovery of Health Information Systems". University of Piraeus, September 2013 (in Greek).
- [5.2.24] Member of the Examining Committee of *Marina Terzi*. Thesis title: "International Communication Strategy: Simulation Models for International Events". University of the Aegean. January 2013 (in Greek).
- [5.2.25] Supervising Committee President and Examining Committee President of *Ioanna Kantzavelou*. Thesis title: "Intrusion Detection and IT Security". University of the Aegean, July 2011.
- [5.2.26] External Examiner of Grigorios Fragkos. Thesis title: "Near Real-Time Assessment Using Intrusion Detection System's Data". University of Glamorgan 2011.
- [5.2.27] Supervisor of *Aggeliki Tsohou* and President of the Examining Committee. Thesis title: "Information Security Awareness in the Context of Information Systems Security Management". University of the Aegean, February 2010 (in Greek).
- [5.2.28] Member of the Supervising Committee and the Examining Committee of *Alexandros Tsakountakis*. Thesis title: "Design and implementation of domain architecture for heterogeneous wireless IP networks". University of the Aegean. December 2009 (in Greek).
- [5.2.29] Member of the Examining Committee of *Ioannis Papagiannopoulos*. Thesis title: "Business models of broadband utilization of optical network infrastructures". University of the Aegean. December 2009 (in Greek).
- [5.2.30] Member of the Supervising Committee and the Examining Committee of *Efthimia Aivaloglou*. Thesis title: "Secure and privacy in wireless sensor networks". University of the Aegean. October 2009.
- [5.2.31] Member of the Examining Committee of *Konstantinos Pazalos*. Thesis title: "Factors increasing the productivity of information and communication technologies investments of Greek firms – International comparisons". University of the Aegean. May 2009.
- [5.2.32] Member of the Supervising Committee and the Examining Committee of *George Karopoulos*. Thesis title: "Secure mobile multimedia over all-IP wireless heterogeneous networks". University of the Aegean. February 2009.
- [5.2.33] Member of the Examining Committee of *Ioakim Sapounas*. Thesis title: "Factors increasing the productivity of information and communication technologies investments of the Greek firms". University of the Aegean. January 2009.
- [5.2.34] Member of the Examining Committee of *Damianos Sakas*. Thesis title: "Communication strategies in business negotiations". University of the Aegean, June 2008 (in Greek).
- [5.2.35] Member of the Examining Committee of *John Partsakoulakis*. Thesis title: "Group behaviour in dynamic agent organizations". University of the Aegean, June 2007 (in Greek).
- [5.2.36] Member of the Supervising Committee and the Examining Committee of *Salahhedin J. Junedi*. Thesis title: "Agent Oriented Software Engineering Methodologies and Tools". University of the Aegean, October 2005.
- [5.2.37] Member of the Examining Committee of *Theodore Tryfonas*. Thesis title: "The role of organisational metaphors in the development of secure information systems". Athens University of Economics and Business, June 2003 (in Greek).

### 5.3. Participation in Competitive R&D Projects

- [5.3.1] «PoliRuralPlus: Fostering Sustainable, Balanced, Equitable, Place-based and Inclusive Development of Rural-Urban Communities' Using Specific Spatial Enhanced Attractivenes Mapping ToolBox», **European Commission, Horizon Europe,** GAIA EPICHEIREIN, 1/2023 – 12/2024.
- [5.3.2] «ScaleAgData: Improving Data Collection in Agriculture», **European Commission, EU Horizon Europe,** Neuropublic S.A., 1/2023 12/2024.
- [5.3.3] «ENFASYS: ENcouraging Farmers towards sustainable farming SYstems through policy and business Strategies», **European Commission, EU Horizon Europe,** GAIA EPICHEIREIN, 1/2023 12/2024.
- [5.3.4] «QuantiFarm: Assessing the impacts of digital technologies in agriculture cost, benefits and potential for sustainability gains», **European Commission, RIA - EU Horizon Europe, GAIA EPICHEIREIN**, 1/2023 12/2024.
- [5.3.5] *«RESPONSIBILITY: Global Model and Observatory for International Responsible Research and Innovation Coordination»*, **European Commission, FP7**, University of the Aegean (2013 -2016).
- [5.3.6] *«SERENITY: System Engineering for Security and Dependability»*, **European Commission, IST Programme**, University of the Aegean (2006 2008).
- [5.3.7] *«ICTE-PAN: Methodologies and Tools for Building Intelligent Collaboration and Transaction Environments in Public Administration Networks»*, European Commission, IST Programme, University of the Aegean (10/2002 -2004).
- [5.3.8] *«e-VOTE: An Internet Based Electronic Voting System»*, **European Commission**, **IST Programme**, University of the Aegean (09/2001 -2004).
- [5.3.9] «MEDSEC: Health Care Security and Privacy in the Information Society», European Commission, ISIS Programme, University of the Aegean (1997 -1998)
- [5.3.10] «ISHTAR: Implementing Secure Healthcare Telematics Applications in Europe», Χρηματοδότηση: European Commission, Health Telematics Programme, University of the Aegean (1997).

# 5.4. Development Projects and Studies

- [5.4.1] "Special Consulting Services for KETYAK", Planet S.A. (2024-2025).
- [5.4.2] "Preparation of EKT for ISO27001:2022 certification", **Planet S.A.** (2023).
- [5.4.3] "Design of a cybersecurity education program for public-sector IT personnel", **KETYAK** (2022).
- [5.4.4] "ICT Consulting Services", Neuropublic S.A. (2020-22).
- [5.4.5] "GDPR Compliance Study for GAIA S.A.", GAIA EPIXEIREIN S.A. (2020).
- [5.4.6] "Security and privacy considerations in autonomous agents", **ENISA** (2018).
- [5.4.7] "Roadmap for the GDPR Conformance of the University of the Aegean", University of the Aegean (2018).
- [5.4.8] "GDPR Compliance Study for Neuropublic's Information System", Neuropublic S.A. (2018).
- [5.4.9] "GDPR Compliance Study for GAIA Information System", Neuropublic S.A. (2018).
- [5.4.10] "Information Systems Security Study: Risk Analysis and Penetration Testing", **Neuropublic S.A.** (2016).

- [5.4.11] "Greek Electronic Text Books", Book "Introduction to Computer & Communication Sciences", National Technical University, Ministry of Education (2014-2015).
- [5.4.12] "Development of the Quality Assessment Information System of the University of the Aegean" **Ministry of Internal Affairs**. (2013 2014).
- [5.4.13] "Administrative Reform University of the Aegean", Ministry of Internal Affairs. (2011 2013).
- [5.4.14] "e-University", **Information Society S.A.** (2005, 2009).
- [5.4.15] "Development of the Greek e-Commerce Web-seal", ELOT (2004-2005)
- [5.4.16] "Study, Design and Implementation of the Comprehensive Security Plan of the Greek Lottery S.A.", **OPAP** (2004).
- [5.4.17] "Security Study for the Psychiatric Hospital of Attica", **Psychiatric Hospital of Attica** (2004).
- [5.4.18] "Risk Assessment of INFO-QUEST Information and Communication Systems", **Q-TELECOM** (2004).
- [5.4.19] "Feasibility Study for the Successive Insurance Information System", General Secretary of Social Security (2004).
- [5.4.20] "Security Regulations for the Ministry of Foreign Affairs", **Ministry of Foreign Affairs** (2003-04).
- [5.4.21] "Security Study for the Information Systems of the Institute of Social Security", **IKA** (2002).
- [5.4.22] "Information Systems Security and Contingency Planning", **EKO-ELDA S.A.** (2002).
- [5.4.23] "Security Study for the 'Ergorama' Information System of the Ministry of National Economy", **Ministry of National Economy** (2002).
- [5.4.24] "Physical Security Study for the Attiko Metro, Sepolia Depot", **Attiko Metro S.A.** (2001)
- [5.4.25] "Risk Analysis and Security Policy Development for the Therapy Centre for Dependent Individuals", **KETHEA** (2000).
- [5.4.26] "Security Study for the 'TAXIS' Information System", Ministry of Finance (1999).
- [5.4.27] "Risk Analysis and Security Policy Development for the Certification Authority of the Athens Chamber of Commerce and Industry", **EBEA** (1998).
- [5.4.28] "Feasibility Study", Mortgage Bank of Greece (1996).
- [5.4.29] "The Book Sector in Greece, National Book Center", National Book Centre Metrotech S.A. (1996).
- [5.4.30] "Counter-incentives in Industry and Commerce", Athens Chamber of Commerce and Industry - Metrotech S.A. (1996).
- [5.4.31] Elite S.A. and Vossinakis S.A. merger case: a market analysis for the defense of Elite S.A. at the Competition Committee of the Ministry of Commerce, Elite S.A.
   Metrotech S.A. (1996).

#### 5.5. National research projects and human networks

[5.5.1] "BioPrivacy: Development and Validation of a Behavioural Biometrics Continuous Authentication System", Hellenic Foundation for Research & Innovation (2020-2021).

- [5.5.2] "HERACLITUS II: Economics of Information Privacy", **Ministry of Education**, PhD Scholarship Programme, PhD Student: Kallia Anastasopoulou (2010-2015).
- [5.5.3] "MOBI-MUL-SEC: Interdomain AAA and context aware security of mobile multimedia services over ALL-IP based wireless network infrastructures", General Secretary of Research and Development (2006 2009).
- [5.5.4] "Pythagoras: Security Patterns in Application Development" **Ministry of** Education (2004-2006)
- [5.5.5] IKAROS Human Network on Security, Quality and Reliability in Information and Communications Technologies, **General Secretary of Research and Development** (1996 – 1997)

# 5.6. Invited/Keynote speaker

- [5.6.1] Keynote speaker, ICISSP 2024.
- [5.6.2] Keynote speaker, HAISA 2002.

# 5.7. Project Reviews

- [5.7.1] Qatar National Research Fund (QNRF), Program proposals reviewer, 2014-2015.
- [5.7.2] Austrian Research Promotion Agency (FFG) FIT-IT Programme. External Reviewer. Project: «TOPAS – Trusted Oriented Platform for Advanced Security», (partners: TU Graz/IAIK, NXP-Philips Semiconductors), May 2009.

# **5.8.** Events and competitions

[5.8.1] Organizing and scientific committee: **Aegean Startups**: 1st National Competition of Electronic Entrepreneurship (Samos, 2011).

# 5.9. Administrative

- [5.9.1] Member, Management Council, University of the Aegean (6/2023 today).
- [5.9.2] Member, IT Committee, University of Aegean (11/2023 today).
- [5.9.3] Dean, School of Engineering, University of the Aegean (12/2017 8/2021).
- [5.9.4] Director, Postgraduate Programme "Information & Communication Systems Security", University of the Aegean (9/2022 current).
- [5.9.5] Vice Head of Department, Dept. of Information & Communication Systems Engineering, Univ. of the Aegean (9/2017-11/2017).
- [5.9.6] Director, Postgraduate Programme "Information & Communication Systems", University of the Aegean (9/2018, 6/2019).
- [5.9.7] Director, Information Systems Lab of the University of the Aegean (11/12/2009 24/09/2014).

# **5.10. Professional Experience**

- [5.10.1] ICT Consultant, Neuropublic S.A. (2024 current).
- [5.10.2] Chief Information Officer, **Neuropublic S.A.** (2020 2024).
- [5.10.3] Information Systems Security Consultant, Quality & Reliability S.A. (2000–2001).
- [5.10.4] Systems Administrator, Information Systems and Databases Laboratory, Athens University of Economics and Business (1998-2000).

# 6. Conferences Organisation and Journal Publications

# **6.1.** International journals

- [6.1.1] Editorial Advisory Board member, Information & Computer Security.
- [6.1.2] Special Issue co-Editor: Journal of Information System Security, Special Issue: 4<sup>th</sup> Mediterranean Conference on Information Systems (MCIS09).
- [6.1.3] Referee: Computers and Security, Information & Management, Information & Computer Security, Computers in Human Behavior, Elsevier Publ. International Journal of Knowledge Management Studies, Interscience Publ., Journal of Marketing Management, Taylor and Francis, Journal of Theoretical and Applied Electronic Commerce Research.
- [6.1.4] Associate editor: Special Issue on Interoperability & Security in Medical Information Systems, eJETA: The electronic journal for e-commerce tools & applications, June 2007.

# **6.2.** Refereeing (selection)

- [6.2.1] Program Committee Member, Mediterranean Conference on Information Systems (MCIS 2009), 26-27 September 2009, Athens.
- [6.2.2] Program Committee Member, 4<sup>rd</sup> International Conference on Digital Forensics and Incident Analysis (WDFIA 2009), Pireas, Greece, 2009.
- [6.2.3] Program Committee Member, IADIS e-Commerce 2009, Algarve, Portugal, 2009.
- [6.2.4] Program Committee Member, 6<sup>th</sup> International Conference on Trust, Privacy & Security in Digital Business (TrustBus 2009), Linz, Austria, 2009.
- [6.2.5] Program Committee Member, IADIS e-Commerce 2008, Algarve, Portugal, 2008.
- [6.2.6] Program Committee Member, 5<sup>th</sup> International Conference on Trust, Privacy & Security in Digital Business (TrustBus 2008), Turin, Italy, 2008.
- [6.2.7] Program Committee Member, IADIS e-Commerce 2007, Algarve, Portugal, 7-9 December 2007.
- [6.2.8] Program Committee Member, 4<sup>rd</sup> International Conference on Trust, Privacy & Security in Digital Business (TrustBus 2007), Regensburg, Germany, 2007.
- [6.2.9] External Reviewer, CRITIS'06 1st International Workshop on Critical Information Infrastructures Security (Samos: Greece), September 2006, Proceedings by Springer - Lecture Notes in Computer Science LNCS.
- [6.2.10] Conference Committee Member, 9<sup>th</sup> Information Security Conference (ISC '06), Samos, 2006.
- [6.2.11] Conference Committee Member, 3<sup>rd</sup> International Conference on Trust, Privacy & Security in Digital Business (TrustBus 2006), Krakow, Poland, 2006.
- [6.2.12] Program Committee Member, AmI.d (ambient intelligence developments) 2006. Sophia-Antipolis, France, Sep. 2006.
- [6.2.13] External Reviewer, ACM-CCS 2006 Computer and Communications Security Conference, October 2006, Virginia, USA
- [6.2.14] Conference Committee Member, 5<sup>th</sup> European Conference on Information Warfare and Security (ECIW06), Helsinki, Sweden, 2006.
- [6.2.15] Referee, 39th Hawaii International Conference on Systems Sciences (HICSS39): Minitrack Information Systems Security Management, Hawaii, USA, 2006.
- [6.2.16] Program Committee Member, 18th International Information Security Conference (IFIP/SEC '03), Athens, 2003.

- [6.2.17] Referee, 16th International Information Security Conference (IFIP/SEC '01), Paris, France, June 2001.
- [6.2.18] Referee, 37th Hawaii International Conference on Systems Sciences (HICSS37): Minitrack Information Systems Security Management, Hawaii, USA, 2004.
- [6.2.19] External Reviewer, 8th ACM Conference on Computer and Communications Security, Philadelphia, USA, November 2001.

### 6.3. Organising Committees

- [6.3.1] Program Committee co-Chair and Organising Committee Member, 2<sup>nd</sup> International Workshop on Digital Forensics and Incident Analysis (WDFIA 2007), Karlovassi, Greece, August 2007.
- [6.3.2] Organising Committee Member, 7th ACM Conference on Computer & Communication Security CCS'2000, Athens, November 2000.

# 7. Publications

### 7.1. Publication metrics

Source A: Google Scholar (28/12/2024)

Citations: 4506, h-index: 25, i10-index: 45

<u>Source B:</u> Scopus (28/12/2024) Citations: 1885, h-index: 17

# 7.2. International Journals

- [J.1] Skalkos, A., Tsohou, A., Karyda, M., & <u>Kokolakis, S.</u> (2023). "Exploring users' attitude towards privacy-preserving search engines: A protection motivation theory approach", *Information and Computer Security*, Vol. 32 No. 3, pp. 322-343. https://doi.org/10.1108/ICS-08-2022-0142.
- [J.2] Papaioannou, G., Volakaki M-G, <u>Kokolakis S.</u>, and Vouyioukas D. (2023). "Learning Spaces in Higher Education: A State-of-the-Art Review" *Trends in Higher Education* 2, no. 3: 526-545. https://doi.org/10.3390/higheredu2030032.
- [J.3] Paspatis, I.; Tsohou, A.; <u>Kokolakis, S</u>. (2023), How Is Privacy Behavior Formulated? A Review of Current Research and Synthesis of Information Privacy Behavioral Factors. *Multimodal Technol. Interact.*, **7**(76).
- [J.4] Stylios, I., Chatzis, S., Thanou, O., <u>Kokolakis, S.</u>, (2023), "Continuous Authentication with Feature-Level Fusion of Touch Gestures and Keystroke Dynamics to Solve Security and Usability Issues", *Computers & Security*, **132**: 103363.
- [J.5] Stylios, I., Skalkos, A., <u>Kokolakis, S</u>. and Karyda, M. (2022), "BioPrivacy: a behavioral biometrics continuous authentication system based on keystroke dynamics and touch gestures", *Information and Computer Security*, **30**(5), 687-704.
- [J.6] Stylios, I., <u>Kokolakis, S.</u>, Thanou, O., Chatzis, S. (2022), "Key factors driving the adoption of Behavioral Biometrics & Continuous Authentication Technology: An Empirical Research" *Information & Computer Security*, **30**(4), 562-582.
- [J.7] Stylios, I., <u>Kokolakis, S.</u>, Skalkos, A., Chatzis, S., "BioGames: A new Paradigm and a Behavioral Biometrics Collection Tool for Research Purposes", *Information* & Computer Security, **30**(2), pp. 243-254, 2022.

- [J.8] Skalkos, A., Stylios, I., Karyda, M., & <u>Kokolakis, S.</u> (2021). Users' Privacy Attitudes towards the Use of Behavioral Biometrics Continuous Authentication (BBCA) Technologies: A Protection Motivation Theory Approach. *Journal of Cybersecurity and Privacy*, 1(4), 743-766.
- [J.9] Stylios, I., <u>Kokolakis, S.</u>, Thanou, O., Chatzis, S., "Behavioral Biometrics & Continuous User Authentication on Mobile Devices: A Survey", *Information Fusion*, **66**, 2021, pp. 76-99.
- [J.10] Andreas Skalkos, Aggeliki Tsohou, Maria Karyda, <u>Spyros Kokolakis</u>, Identifying the values associated with users' behavior towards anonymity tools through means-end analysis, *Computers in Human Behavior Reports*, Vol. 2, 2020, doi: doi.org/10.1016/j.chbr.2020.100034.
- [J.11] Paspatis, I., Tsohou, A., <u>Kokolakis, S.</u>, "AppAware: A Policy Visualization Model for Mobile Applications", *Information & Computer Security*, 28(1), 2020, pp. 116-132.
- [J.12] <u>Kokolakis S.</u>, "Privacy attitudes and privacy behaviour: A review of current research on the privacy paradox phenomenon", *Computers & Security*, **64**, 2017, pp. 122-134 (ISI/IF 1.640).
- [J.13] Tsohou A., Karyda M., <u>Kokolakis S.</u>, "Analyzing the role of Cognitive and Cultural Biases in the Internalization of Information Security Policies: Recommendations for Information Security Awareness Programs", *Computers & Security*, **52**, 2015, pp.128-141 (ISI/IF 1.640).
- [J.14] Tsohou A., Karyda M., <u>Kokolakis S.</u>, Kiountouzis E., "Managing the Introduction of Information Security Awareness Programs in Organisations", *European Journal* of Information Systems, 24(1), 2015, pp.38-58 (ISI/IF 2.213).
- [J.15] Anastasopoulou K., Kokolakis S., "Exploring Citizens' Intention to Use E-Government Services: The Role of Cultural Bias", *International Journal of Electronic Governance*, **6**(1), 2013, pp. 3-19.
- [J.16] Tsohou A., Karyda M., <u>Kokolakis S.</u>, Kiountouzis E., "Analyzing Trajectories of Information Security Awareness", *IT and People*, 25(3), 2012, pp.327-352 (ISI/IF 0.784).
- [J.17] Tsohou A., <u>Kokolakis S.</u>, Lambrinoudakis C., Gritzalis S., "A Security Standards' Framework to Facilitate Best Practices' Awareness and Conformity", *Information Management & Computer Security*, **18**(5), 2010, pp.350-365<sup>1</sup>.
- [J.18] Tsohou A., Karyda M., <u>Kokolakis S.</u>, Kiountouzis E., "Aligning Security Awareness with Information Systems Security Management", *Journal of Information Systems Security*, **6**(1), 2010, pp.36-54<sup>2</sup>.
- [J.19] Tsohou, A., Lambrinoudakis, C., <u>Kokolakis, S.</u>, Gritzalis, S., "The Importance of Context-Dependent Privacy Requirements and Perceptions to the Design of Privacy-Aware Systems", *UPGRADE* **11**(1), 2010, pp.32-37.
- [J.20] Karyda, M., Gritzalis, S., Park, J.-H., <u>Kokolakis, S.</u>, "Privacy and Fair Information Practices in Ubiquitous Environments: Research Challenges and Future Directions", *Internet Research*, **19**(2), 2009, pp. 194-208 (ISI/IF 1.661).

<sup>&</sup>lt;sup>1</sup> Selected paper, previously presented in SAISMC 2010.

<sup>&</sup>lt;sup>2</sup> Selected paper, previously presented in MCIS09.

- [J.21] Tsohou, A., <u>Kokolakis, S.</u>, Karyda, M., Kiountouzis, E., "Investigating information security awareness: research and practice gaps", *Information Security Journal: A Global Perspective*, **17**(5), pp.207-227, 2008, Taylor & Francis.
- [J.22] Tsohou, A., <u>Kokolakis, S.</u>, Karyda, M., Kiountouzis, E., "Process-variance models in information security awareness research", *Information Management and Computer Security*, **16**(3), 2008, pp. 271-287, MCB University Press.<sup>3</sup>
- [J.23] Tsohou, A., Karyda, M., <u>Kokolakis, S.</u>, Kiountouzis, E., "Formulating Information Systems Risk Management Strategies through Cultural Theory", *Information Management and Computer Security*, **14**(3), 2006, MCB University Press, pp. 198-217.
- [J.24] Dritsas S., Gymnopoulos L., Karyda M., Balopoulos T., <u>Kokolakis S.</u>, Lambrinoudakis C., Katsikas, S., "A knowledge-based approach to security requirements for e-health applications", *eJETA*, 2(1) (Special Issue on Emerging Security Paradigms in the Knowledge Era), October, 2006 (ηλεκτρονική έκδοση στο http://www.ejeta.org).
- [J.25] Theoharidou, M., <u>Kokolakis, S.</u>, Karyda, M. and Kiountouzis, E., "The Insider Threat to Information Systems and the Effectiveness of ISO 17799", *Computers and Security*, **24**(6), pp.472-484, 2005 (ISI/IF 1.640).
- [J.26] <u>Kokolakis, S.</u>, Lambrinoudakis, C., "ICT Security Standards for Healthcare Applications", UPGRADE 6(4), 2005, (ηλεκτρονική έκδοση στο http://www.upgrade-cepis.org). Also published in NOVATICA, No.176, pp. 38-44, July – August 2005.
- [J.27] Belsis, P., Kiountouzis, E. and <u>Kokolakis, S.</u>, "Information Systems Security from a Knowledge Management Perspective", *Information Management and Computer Security*, **13**(3), 189-202, 2005, MCB University Press.
- [J.28] Karyda, M., Kiountouzis, E. and <u>Kokolakis, S.</u>, "Information Systems Security: A Contextual Perspective", *Computers and Security*, 24(3), pp.246-260, 2005 (ISI/IF 1.640).
- [J.29] Loukis, E. and <u>Kokolakis, S.A.</u>, "An Architecture for a Flexible Public Sector Collaborative Environment", *eJETA*, **1**(3), 2004 (electronic journal: http://www.ejeta.org).
- [J.30] <u>Kokolakis, S.A.</u> and Kiountouzis, E.A., "Achieving interoperability in a multiplesecurity-policies environment", *Computers and Security*, **19**(3), pp.267-281, 2000 (ISI/IF 1.640).
- [J.31] <u>Kokolakis, S.A.</u>, Demopoulos, A.J. and Kiountouzis, E.A., "The use of business process modelling in information systems security analysis and design", *Information Management and Computer Security*, **8**(3), pp.107-116, 2000, MCB University Press.
- [J.32] Spinellis, D., <u>Kokolakis, S.</u> and Gritzalis, S., "Security requirements, risks, and recommendations for small enterprise and home environments", *Information Management and Computer Security*, **7**(3), pp.121-128, 1999, MCB University Press.
- [J.33] <u>Kokolakis, S.</u>, Gritzalis, D. and Katsikas, S., "Generic security policies for healthcare information systems", *Health Informatics Journal*, **4**(3), pp.184-195, 1998, SAGE Publications (ISI/IF 0.565).

<sup>&</sup>lt;sup>3</sup> Highly Commended Paper Award, IM&CS, Emerald Literati Network, 2009.

# **7.3.** International Conferences

- [C.1] Skalkos, A. & <u>Kokolakis, S.</u> (2024). Modification of user behavior towards the use of privacy-preserving search engines: Insights from an experiment on privacy. European, Mediterranean and Middle Eastern Conference on Information Systems (EMCIS), Athens, 2-3 Sep 2024.
- [C.2] Stylios, I., Skalkos, A., <u>Kokolakis, S.</u>, & Karyda, M. (2021). BioPrivacy: Development of a Keystroke Dynamics Continuous Authentication System. In Proceedings of the 5th International Workshop on SECurity and Privacy Requirements Engineering SECPRE, Springer LNCS 13106.
- [C.3] Paspatis, I., Tsohou, A., <u>Kokolakis, S.</u>, "AppAware: A Model for Privacy Policy Visualization for Mobile Applications", 12th Mediterranean Conference on Information Systems (MCIS 2018), Corfu, Greece, 28-30 September 2018.
- [C.4] Paspatis, I., Tsohou, A., <u>Kokolakis, S.</u>, "Mobile application privacy risks: Viber users' de-anonymization using public data", 11th Mediterranean Conference on Information Systems (MCIS 2017), Genova, Italy, 4-5 September 2017.
- [C.5] Stylios, I.C., <u>Kokolakis S.</u>, Thanou, O., Chatzis, S. User's Attitudes on Mobile Devices: Can Users' Practices Protect Their Sensitive Data? 10th Mediterranean Conference on Information Systems. Pafos, Cyprus on 4-6 September 2016.
- [C.6] Stylios, I.C., Chatzis, S., Thanou, O., <u>Kokolakis, S.</u>, "Mobile phones & behavioral modalities: Surveying users' practices", *Proc. of the 23<sup>rd</sup> Telecommunications Forum TELFOR 2015*, Belgrade, Serbia, 24-26 November 2015.
- [C.7] Vemou K., Karyda M., <u>Kokolakis S.</u>, "Directions for Raising Privacy Awareness in SNS Platforms", *Proceedings of the 18th Panhellenic Conference on Informatics (PCI2014)*, Athens, October 2-4, 2014.
- [C.8] <u>Kokolakis S.</u>, Anastasopoulou K., Karyda M., "An Analysis of Privacy-related Strategic Choices of Buyers and Sellers in e-Commerce Transactions", *Proceedings of the 16th Panhellenic Conference on Informatics (PCI2012)*, Piraeus, October 5-7, 2012.
- [C.9] Loukis E., <u>Kokolakis S.</u>, Anastasopoulou K., "Factors of PKI Adoption in European Firms", *Proceedings of the 6<sup>th</sup> Mediterranean Conference on Information Systems*, Cyprus, 3-5 Sep. 2011.
- [C.10] Tsohou A., Karyda M., <u>Kokolakis S.</u>, Kiountouzis E., "Analyzing Information Security Awareness through Networks of Association", Proc. of the 7th International Conference on Trust, Privacy & Security in Digital Business (TrustBus 2010), Biblao, Spain, 20 Aug. – 3 Sep. 2010.
- [C.11] Tsohou A., <u>Kokolakis S.</u>, Lambrinoudakis C., Gritzalis, S., "Unifying ISO Security Standards Practices into a Single Security Framework", *Proceedings of the 2010 South African Information Security Multi-Conference*, Port Elisabeth, South Africa, 17-18 May 2010.
- [C.12] Tsohou A., Karyda M., <u>Kokolakis S.</u>, Kiountouzis E., "Aligning Security Awareness with Information Systems Security Management", *Proc. of the 4<sup>th</sup> Mediterranean Conference on Information Systems (MCIS09)*, Athens, 25-27 Sept. 2009.
- [C.13] Tsohou A., <u>Kokolakis S.</u>, Lambrinoudakis C., Gritzalis, S., "Information Systems Security Management: A review and a classification of the ISO standards", *Proceedings of the e-Democracy 2009 Next Generation Society: Technological*

*and Legal Issues*, pp. 220-235, Springer LNICST Lecture Notes of the ICSSIT Institute for Computer Sciences, Social Informatics, and Telecommunications Engineering, Vol.26, A. Sideridis and C. Patrikakis (Eds.), 2010.

- [C.14] Tsohou A., Theoharidou M., <u>Kokolakis S.</u>, Gritzalis D., "Addressing Cultural Dissimilarity in the Information Security Management Outsourcing Relationship", *Proc. of the 4<sup>th</sup> International Conference TrustBus (TrustBus 2007)*, Lambrinoudakis et al. (eds), September 2007, Regensburg, Germany (Springer LNCS 4657).
- [C.15] Balopoulos T., Gymnopoulos L., Karyda M., <u>Kokolakis S.</u>, Gritzalis S., Katsikas S., A Framework for Exploiting Security Expertise in Application Development, *Proc. of the 3<sup>th</sup> International Conference TrustBus (TrustBus 2006)*, Fischer-Hubner et al. (eds), September 2006, Krakow, Poland (Springer LNCS 4083).
- [C.16] Gymnopoulos L., Karyda M., Balopoulos T., Dritsas S., <u>Kokolakis S.</u>, Lambrinoudakis C., Gritzalis S., Developing a security patterns repository for secure applications design, *Proc. of the 5<sup>th</sup> European Conference on Information Warfare and Security (ECIW06)*, Candolin et al. (eds), June 2006, Helsinki, Finland.
- [C.17] Karyda M., Balopoulos T., Dritsas S., Gymnopoulos L., <u>Kokolakis S.</u>, Lambrinoudakis C., Gritzalis S., An ontology for secure e-Government applications, *Proc. of the DeSeGov'06 Workshop on Dependability and Security in eGovernment*, in conjunction with ARES 2006 (1st International Conference on Availability, Reliability, and Security), Vienna, Austria, April 2006, A. Tjoa, E. Schweighofer (Eds), IEEE Computer Society Press.
- [C.18] Dritsas S., Gymnopoulos L., Karyda M., Balopoulos T., <u>Kokolakis S.</u>, Lambrinoudakis C., Gritzalis S., Employing Ontologies for the Development of Security Critical Applications: The Secure e-Poll Paradigm, *Proc. of the 5th IFIP Conference on e-Commerce, e-Business, and e-Government (I3E 2005)*, Poznan, Poland, October 2005, Springer.
- [C.19] Balopoulos T., Dritsas S., Gymnopoulos L., Karyda M., <u>Kokolakis S.</u>, Gritzalis S., Incorporating Security Requirements into the Software Development Process, *Proc. of the 4<sup>th</sup> European Conference on Information Warfare and Security* (ECIW05), 11-12 July 2005, Glamorgan Pontypridd, Wales, UK.
- [C.20] Kokolakis S., Lambrinoudakis C., Gritzalis D., A knowledge-based repository model for security policies management, Proc. of the Second International Workshop on Mathematical Methods, Models and Architectures for Computer Networks Security (MMM-ACNS 2003), September 2003, St. Petersburg, Russia.
- [C.21] Lambrinoudakis C., <u>Kokolakis S.</u>, Karyda M., Tsoumas V., Gritzalis D., Katsikas S., Electronic Voting Systems: Security implications of the administrative workflow, *Proc. of the 14<sup>th</sup> International Workshop on Database and Expert Systems Applications (DEXA2003)*, September 2003, Prague, Czech Republic.
- [C.22] Loukis E. and <u>Kokolakis S.</u>, Computer supported collaboration in the Public Sector: the ICTE-PAN Project, *Proc. of the 2<sup>nd</sup> EGOV Conference*, September 2003, Prague, Czech Republic (Springer, LNCS 2739).
- [C.23] Karyda M., <u>Kokolakis S.</u>, Kiountouzis E., Content, context, process analysis of IS security policy formation, *Proc. of the 18th International Information Security Conference (IFIP/SEC '03)*, Athens, Greece.

- [C.24] Ikonomopoulos S., Lambrinoudakis C., Gritzalis D., <u>Kokolakis S.</u>, Vasilliou K. Functional requirements for a secure electronic voting system, in *Proc. of the 17th International Information Security Conference (IFIP/SEC '02)*, Cairo, Egypt.
- [C.25] Karyda M., <u>Kokolakis S.</u>, Kiountouzis E., Redefining information systems security: viable information systems, in *Proc. of the 16th International Information Security Conference (IFIP/SEC '01)*, Paris, France, June 2001, Kluwer Academic Publishers.
- [C.26] Lambrinoudakis C., <u>Kokolakis S.</u>, Gritzalis D., Recurrent IT security issues and recommendations: learning from risk assessment reviews, in *Proc. of the Security* and Control of IT in Society (SCITS-II), IFIP WG 9.6/11.7 Conference, Bratislava, Slovakia, June 2001.
- [C.27] Tryfonas, T., Gritzalis, D., <u>Kokolakis, S.</u>, A qualitative approach to information availability, in *Proc. of the 15th International Information Security Conference* (*IFIP/SEC '00*), Beijing, China, August 2000, Kluwer Academic Publishers.
- [C.28] <u>Kokolakis S.</u>, Karyda M., Gritzalis D., Information systems security management in virtual organizations, in *Proc. of the Security for Information Systems (SIS2000) Conference*, Zurich, Switzerland, October 2000.
- [C.29] <u>Kokolakis S.</u>, Is there a need for new information security models? in *Proc. of the 2nd Communications and Multimedia Security Conference* (CMS '96), Hessen, Germany, September 1996, Chapman & Hall.
- [C.30] Kiountouzis E.A., <u>Kokolakis S.A.</u>, An analyst's view of information systems security, in *Proc. of the 12th International Information Security Conference* (*IFIP/SEC* '96), Samos, Greece, May 1996, Chapman & Hall.

### 7.4. Conferences with peer reviewing based on abstracts

- [CA.1] Anastasopoulou K., <u>Kokolakis S.</u>, Andriotis P. "Privacy Decision-Making in the Digital Era: A Game Theoretic Review", *Proc. of 5th International Conference on Human Aspects of Information Security, Privacy and Trust (HAS2017)*, 9-14 July 2017, Vancouver, Canada (Springer LNCS10292, pp.589-603).
- [CA.2] Anastasopoulou K., Tryfonas T., <u>Kokolakis S.</u> "Strategic interaction analysis of privacy-sensitive end-users of cloud-based mobile apps", *Proc. of 15th International Conference on Human-Computer Interaction (HCII2013)*, 21-26 July 2013, Las Vegas, Nevada, USA (Springer LNCS8030, pp.209-216).
- [CA.3] Karyda M., <u>Kokolakis S.</u>, Kiountouzis, E., Information Systems Security and the Structuring of Organisations, *Proc. of the 7<sup>th</sup> International Conference on the Social and Ethical Impacts of Information and Communication Technologies* (*ETHICOMP 2004*), April 2004, Syros, Greece.
- [CA.4] <u>Kokolakis S.</u>, Methodological Framework for the Development and Management of Information Security, *Proc. of the 12<sup>th</sup> National Conference of the Greek Operations Research Society*, Samos, Greece, September 1998 (in Greek).

# 7.5. Poster papers

[7.5.1] Anastasopoulou K., Tryfonas T., <u>Kokolakis S.</u> "Analysis of strategic stakeholder interactions in cloud-based mobile app use by privacy-sensitive end users", Presented at the 2012 Conference on Decision and Game Theory for Security (GameSec 2012), 5-6 November 2012, Budapest, Hungary.

### 7.6. Chapters in Books

- [BC.1] <u>Kokolakis S.</u> and Tsohou A., Communicating Information Security, in S. Trepte & P. Masur (eds), The Routledge Handbook of Privacy and Social Media, Routledge 2023.
- [BC.2] <u>Kokolakis S.</u>, Information Security Governance and Management, in S. Katsikas, S. Gritzalis, K. Lambrinoudakis (eds), Information and Systems Security in Cyberspace, New Tech. Publ., 2021, pp. 49-74 (in Greek).
- [BC.3] <u>Kokolakis S.</u>, Privacy Nudging. In: Jajodia S., Samarati P., Yung M. (eds) Encyclopedia of Cryptography, Security and Privacy. Springer, Berlin, Heidelberg, 2021. https://doi.org/10.1007/978-3-642-27739-9\_1640-1
- [BC.4] M. Karyda, <u>S. Kokolakis</u>, A study of internet communities and privacy protection, in Lambrinoudakis, Mitrou, Gritzalis, Katsikas (eds), *Privacy protection and ICT*, Papasotiriou Publ., 2010 (in Greek).
- [BC.5] <u>S. Kokolakis</u>, P. Rizomiliotis, A. Benameur, S.-K. Sinha, Security and Dependability Solutions for Web Services and Workflows, in G. Spanoudakis, A. Mana, S. Kokolakis (eds), Security and Dependability for Ambient Intelligence, Springer, pp. 97-106, 2009.
- [BC.6] M. Karyda, <u>S. Kokolakis</u>, Privacy Perceptions among Members of Online Communities, in Digital Privacy: Theory, technology, and practices, A. Acquisti, S. Gritzalis, C. Lambrinoudakis, S. De Capitani di Vimercati (eds), Auerbach Publications, pp. 253-266, 2008.
- [BC.7] <u>Kokolakis S.</u>, Information Systems Risk Analysis and Management, in Katsikas S. et al. (eds) "Information Systems Security", New Technologies Publ., pp. 335-376, Athens, 2004 (in Greek).
- [BC.8] D. Gritzalis, <u>S. Kokolakis</u>, Security Policy Development for Healthcare Information Systems, in Advanced Health Telematics and Telemedicine: The Magdeburg Expert Summit Textbook, B. Blobel, P. Pharow (eds) IOS Press, pp. 105-110, 2003.
- [BC.9] S. Katsikas, <u>S. Kokolakis</u>, High Level Security Policies for Healthcare Information Systems, in Advanced Health Telematics and Telemedicine: The Magdeburg Expert Summit Textbook, B. Blobel, P. Pharow (eds) IOS Press, pp. 98-104, 2003.
- [BC.10] S. Kokolakis, D. Gritzalis and S. Katsikas, Why we need Standardisation in Healthcare Security, in Security Standards for Healthcare Information Systems, F-A Allaert, B. Blobel, K. Louwerse, B. Barber (eds), IOS Press, Amsterdam, pp. 22-27, 2002.
- [BC.11] <u>S. Kokolakis</u>, D. Gritzalis, S. Katsikas and F. Ottes, Overview on Security Standards for Healthcare Information Systems, in Security Standards for Healthcare Information Systems, F-A Allaert, B. Blobel, K. Louwerse, B. Barber (eds) IOS Press, Amsterdam, pp.28-36, 2002.
- [BC.12] <u>S. Kokolakis</u>, D. Gritzalis and S. Katsikas, Draft Standard for High Level Security Policies for Healthcare Information Systems, in Security Standards for Healthcare Information Systems, F-A Allaert, B. Blobel, K. Louwerse, B. Barber (eds) IOS Press, Amsterdam, pp.37-61, 2002.

# 7.7. Books

[7.7.1] <u>S. Kokolakis</u>, M. Karyda, E. Loukis, Y. Charalabidis, "Information Systems in a Changing Economy: Proc. of the 9<sup>th</sup> MCIS, Univ. of the Aegean Publ. (e-book, ISBN 978-618-82208-6-7).

- [7.7.2] D. Drossos, D. Vouyioukas, D. Kalligeros, <u>S. Kokolakis</u>, C. Skianis, "Introduction to Computer and Communications Science", Kallipos Publ., 2016 (e-book, in Greek).
- [7.7.3] L. Mitrou, A-M Pistopani, S. Tassis, M. Karyda, <u>S. Kokolakis</u>, "facebook, blogs and rights", Sakkoulas Publ., (ISBN 978-960-445-966-7), 2013 (in Greek).
- [7.7.4] G. Spanoudakis, A. Mana, <u>S. Kokolakis</u> (Eds), "Security and Dependability for Ambient Intelligence", Springer, 375 pages (ISBN 978-0387887746), 2009.
- [7.7.5] B. Preneel, S. Gritzalis, <u>S. Kokolakis</u>, T. Tryfonas (Eds), "Digital Forensics and Incident Analysis" (WDFIA07 Proceedings), IEEE Computer Society, August 2007.

# 7.8. PhD Thesis

<u>Kokolakis S.</u>, Development and Management of Information Systems Security: Conceptual Framework, Methodologies and Tools, Dept. of Informatics, Athens University of Economics and Business, Athens, June 2000 (in Greek).

# 7.9. R&D Projects Reports (selection)

- [7.9.1] <u>Kokolakis S.</u>, Gritzalis D., Katsikas S., Draft High Level Security Policy for Health Care Establishments Standard, ISIS/MEDSEC Project, Athens, September 1998.
- [7.9.2] <u>Kokolakis S.</u>, Gritzalis D., Katsikas S., Review of Existing and Emerging Work on High Level Security Policies for Healthcare Establishments, ISIS/MEDSEC Project, Athens, March 1998.
- [7.9.3] <u>Kokolakis S.</u>, Gritzalis D., Katsikas S., Handbook of Standards for Security and Privacy in Health Care, ISIS/MEDSEC Project, Athens, October 1997.
- [7.9.4] <u>Kokolakis S.</u>, Mavroudakis K., Gritzalis D., Gritzalis S., Healthcare Incident Reporting Scheme, Healthcare Telematics/ISHTAR (HC1028) Project, Athens, March 1997.

# 8. Training, Professional Societies Membership, and Distinctions

# 8.1. Certifications

- [8.1.1] ISO 22301 Lead Auditor.
- [8.1.2] ISO 9001 Internal Auditor.

# 8.2. Seminars and Certifications

- [8.2.1] Online Course: Game Theory, Stanford University (26/3/2013).
- [8.2.2] Seminar: **CCTA Risk Analysis and Management Method (CRAMM)**, Certified Analyst, Heimdall Consulting seminar, Surrey, London, (1997).