

AUEB Cybersecurity Publications and Research 2020

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1. Scope

INFOSEC is an ad-hoc, inter-university, multi-disciplinary research group. It operates with the Dept. of Informatics of Athens University of Economics and Business (AUEB), Athens, Greece. The founder and Director of INFOSEC is **Dr. Dimitris Gritzalis**, who is a Professor of Cybersecurity) with the Dept. of Informatics. INFOSEC experts include academic staff, post-doctoral researchers, external experts and doctoral students.

This report includes a list of publications, in which at least one of the authors is a researcher and member of the Information Security and Critical Infrastructure Protection (INFOSEC) Laboratory. The publications have appeared in (peer-reviewed) journals, conferences, or workshops. A number of them are proceedings of international conferences/symposia/workshops, in which at least one of the editors is a member of INFOSEC.

2. Research topics

The main topics, in which members of INFOSEC have been carrying out research and publishing papers, appear in Table 1.

Advanced Persistent Threats	Infrastructure Protection	Risk Assessment
Cloud Security	Insider Threat	Security Education
Computer Security	Intrusion Detection	Secure e-Voting
Data Protection	Malware	Sensors
Digital Forensics	Medical Data Security	Software Security
Hacking & Hacktivism	Open Source Intelligence	Spam over IT (SPIT)
Information Systems Security	Privacy	3D Printing

Table 1: *Main research topics*

3. Authors

The (co-)authors of the selected papers, who are members of INFOSEC, are:

Academic Staff

Professor Dimitris Gritzalis, AUEB (GR), **Director**

Assistant Professor George Stergiopoulos, University of the Aegean (GR), **Project Manager**

Adjunct Lecturer Theodore Ntouskas, AUEB (GR), **Project Manager**

Professor Theodore Apostolopoulos, AUEB (GR)

Professor Costas Lambrinouidakis, University of Piraeus (GR)

Professor Lilian Mitrou, University of the Aegean (GR)

Associate Professor Panagiotis Katsaros, Aristotle University of Thessaloniki (GR)

Associate Professor Panos Kotzanikolaou, University of Piraeus (GR)

Senior Lecturer Alkmini Gkritzali, University of Surrey (UK)

Senior Lecturer Alexios Mylonas, Hertfordshire University (UK)

Adjunct Lecturer Stelios Dritsas, AUEB (GR)

Post-Doctoral Researchers (in alphabetical order)

Dr. Miltiadis Kandias

Dr. Kostas Moulinos
 Dr. Ioannis Soupionis
 Dr. Marianthi Theocharidou
 Dr. Nikos Tsalis
 Dr. Vasilis Tsoumas
 Dr. Nikos Virvilis

Doctoral students (in alphabetical order)

Mrs. Argyro-Ageliki Anagnostopoulou
 Mr. Panayiotis Dedousis
 Mr. George Iakovakis
 Mrs. Georgia Lykou
 Mr. Efstratios Vasilellis

4. Journals

A list of peer-reviewed journals, in which the members of INFOSEC have published papers, either as single authors, or as co-authors, appears in Table 2.

s/n	Journal name
1	ACM Computing Surveys
2	ACM SIGMETRICS
3	Business Process Management Journal
4	Computer Communications
5	Computer Networks
6	Computers & Security
7	Health Informatics Journal
8	IEEE Access
9	IEEE Security & Privacy
10	Information & Computer Security
11	International Journal of Critical Infrastructure Protection
12	International Journal of Electronic Security & Digital Forensics
13	International Journal of Information Security
14	International Journal of Medical Informatics
15	International Journal of Risk Assessment and Management
16	International Journal of Social Networks Mining
17	Journal of Biomedical Computing
18	Journal of Computer Security
19	Journal of Travel Research
20	Medical Informatics Journal
21	Medical Systems Journal
22	Security and Privacy Journal
23	Sensors Journal
24	Telematics and Informatics

Table 2: *Scientific Journals (peer-reviewing)*

5. Conferences, Symposia, Workshops

A list of peer-reviewed conferences, symposia and workshops, in which members of INFOSEC have published the results of their research, either as single authors or as co-authors, appear in Table 3.

s/n	Conference/Symposium/Workshop name
1	ACM Computer and Communications Security Conference (CCS)
2	ACM Computing Surveys (CSUR)
3	ACM Workshop on Privacy in the Electronic Society (WPES)
4	ACM Workshop on Security and Privacy in e-Commerce (SPEC)
5	ACM Workshop on Critical Infrastructure Network Security (CINS)
6	European Symposium on Research in Computer Security (ESORICS)
7	IEEE Conference on Cloud Computing Technology and Science (CloudCom)
8	IEEE Databases and Expert Systems Applications Conference (DEXA)
9	IEEE International Conference in Global Security, Safety and Sustainability (GSSS)
10	IEEE International Conference on Advanced Information Networking and Applications
11	IEEE International Conference on Autonomic and Trusted Computing (ATC)
12	IEEE International Conference on Computer Communications and Networks (CCN)
13	IEEE International Workshop on Information Assurance (WIA)
14	IEEE Symposium on Computers and Communications (C&C)
15	IFIP Communications and Multimedia Security Conference (CMS)
16	IFIP Conference on Security in Information Systems (SIS)
17	IFIP International Conference on Critical Infrastructure Protection (CIP)
18	IFIP International Conference on New Technologies, Mobility and Security (NTMS)
19	IFIP International Conference on Trust Management (TM)
20	IFIP International Information Security and Privacy Conference (SEC)
21	International Computer Ethics Conference (CEPE)
22	International Conference on Availability, Reliability and Security (ARES)
23	International Conference on Critical Infrastructure Security (CRITIS)
24	International Conference on Human Aspects of Information Security, Privacy & Trust (HCI)
25	International Conference on Network and System Security (NSS)
26	International Conference on Risks and Security of Internet and Systems (CRiSIS)
27	International Conference on Security and Cryptography (SECRYPT)
28	International Conference on Trust, Privacy & Security in Digital Business (TRUSTBUS)
29	International Symposium on Engineering Secure Software and Systems (ESSOS)
30	International Workshop on Security and Trust Management (STM)
31	Mediterranean Conference on Information Systems (MCIS)
32	World Conference on Information Security Education (WISE)
33	World Congress on Medical Informatics (MEDINFO)

Table 3: *Scientific Conferences, Symposia and Workshops*

6. Conference and Symposia Proceedings Editorship

Table 4 lists conference, the proceedings of which were edited by a team of editors including at least one member of INFOSEC.

s/n	Conference/Symposium name
1	European Symposium on Research in Computer Security (ESORICS)
2	IFIP International Information Security and Privacy Conference (SEC) (4 conferences)
3	International Conference on Critical Infrastructure Security (CRITIS)
4	International Conference on Cryptology and Network Security (CANS)
5	International Conference on Reliability, Quality and Safety of Software-Intensive Systems
6	World Conference on Information Security Education (WISE)

Table 4: *Conference and Symposia Proceedings Editorship*

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