

AUEB-InfoSec: Cybersecurity Publications and Research 2021

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1. Scope

InfoSec is an inter-university and 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**, 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 & Learning
Computer Security	Intrusion Detection	Secure e-Voting
Cyber Security	Malware	Sensors
Data Protection	Medical Data Security	Software Security
Digital Forensics	Misinformation (Fake News)	Spam over IT (SPIT)
Hacking & Hacktivism	Open-Source Intelligence	3D Printing
Information Systems Security	Privacy	

Table 1: *Main research areas & topics*

3. Authors

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

Academic Staff

Professor Dimitris Gritzalis, AUEB (GR), **Founder & 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 Lambrinoudakis, University of Piraeus (GR)

Professor Ioannis Mavridis, University of Macedonia (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)

Assistant Professor Alkmini Gkritzali, Ionion University (GR)

Senior Lecturer Alexios Mylonas, Hertfordshire University (UK)

Adjunct Lecturer Stelios Dritsas, AUEB (GR)

Post-Doctoral Researchers (in alphabetical order)

Dr. Miltiadis Kandias
Dr. Georgia Lykou
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. Melina Raptaki
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 & 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 & Communication Networks
23	Security and Privacy

s/n	Journal name
24	Sensors
25	Telematics & Informatics

Table 2: *Scientific journals (peer-reviewed publications)*

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 & Communications Security Conference (CCS)
2	ACM Computing Surveys (CSUR)
3	ACM Workshop on Privacy in the Electronic Society (WPES)
4	ACM Workshop on Security & 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 & Sustainability (GSSS)
10	IEEE International Conference on Advanced Information Networking & 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 & Communications (C&C)
15	IFIP Communications & 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 & Security (NTMS)
19	IFIP International Conference on Trust Management (TM)
20	IFIP International Information Security & Privacy Conference (SEC)
21	International Computer Ethics Conference (CEPE)
22	International Conference on Availability, Reliability & 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 & System Security (NSS)
26	International Conference on Risks and Security of Internet & Systems (CRiSIS)
27	International Conference on Security & Cryptography (SECRYPT)
28	International Conference on Trust, Privacy & Security in Digital Business (TRUSTBUS)
29	International Symposium on Engineering Secure Software & Systems (ESSOS)

s/n	Conference/Symposium/Workshop name
30	International Workshop on Security & 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 & Workshops (peer reviewed publications)*

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 & Symposia Proceedings Editorship*

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