

Dr. Giannis F. Marias

Curriculum Vitae

June 2019

Assistant Professor on Network and System Security

Dept. Of Informatics

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RESEARCH INTERESTS

- Machine Learning and IntrusionDetection
- Blockchains and applications in networking and security
- Anonymity and Privacy in IoT & Wireless Sensors Networks
- Analytics and Deep Learning on Network Attacks
- Authentication in IoT and MANETs
- Location Privacy and anonymity
- Sec&Priv in Information Centric Networks
- Trust Management in IoT, MANETs and dynamic networks
- Security on Cognitive Radio
- Privacy on VoIP and SIP protocol
- Privacy in RFID and Object Name Service

PUBLICATIONS - JOURNAL AND MAGAZINES

- Π1. George C. Polyzos, Vasilios A. Siris, George Xylomenos, Giannis F. Marias, Stavros Toumpis: "***I-CAN: Information-Centric Future Mobile and Wireless Access Networks***". EAI Endorsed Trans. Cloud Systems 2(7): e5 (2016)
- Π2. P Zhang, N. Fotiou, BE Helvik, GF Marias, GC Polyzos, "***Analysis of the effect of InfoRanking on content pollution in peer-to-peer systems***", Security and Communication Networks 7(4), 700-713, 2014
- Π3. N. Fotiou, D. Trossen, G.F. Marias, A. Kostopoulos, G.C. Polyzos, "***Enhancing information lookup privacy through homomorphic encryption***", Security and Communication Networks 2014
- Π4. N. Fotiou, G. F. Marias, G. C. Polyzos, "***Access control enforcement delegation for information-centric networking architectures***", Computer Communication Review 42(4): 497-502 (2012)

- Π5. X. He, P. Szalachowski, Z. Kotulski, N. Fotiou, G. F. Marias, G. C. Polyzos, H. de Meer, "**Energy-aware Key Management in Mobile Wireless Sensor Networks**". *Annales UMCS, Informatica* 12(4): 83-96, 2012
- Π6. G. F. Marias, J. Barros, M. Fiedler, G. C. Polyzos et. al, "**Security and Privacy Issues for the Network of the Future**", *Security and Communication Networks* 5(9): 987-1005 (2012)
- Π7. D.Gritzalis, S. Ehlert, G. F. Marias, Y. Rebahi, Y. Soupionis "**SPIDER: A platform for managing SIP-based Spam over Internet Telephony (SPIT)**", *Journal of Computer Security*, 19 (5), pp. 835-867, 2011
- Π8. L. Kazatzopoulos, K. Delakouridis, G. F. Marias, "**A Privacy-Aware Overlay Routing Scheme in WSNs**", *Security and Communication Networks*, 4(7), pp. 729-743, 2011
- Π9. S. Arkoulis, G. F. Marias, P. Frangoudis, J. Obereneder, A. Popescu, M. Fiedler, H. de Meer, G.C. Polyzos, "**Misbehaviour Scenarios in Cognitive Radio Networks**," *Future Internet, Special Issue on 'Security for Next Generation Wireless and Decentralized Systems,'* A. Koenig & R. Steinmetz, eds.), vol. 2 (3), 212-237, 2010
- Π10. K Papapanagiotou, G. F. Marias, P Georgiadis, "**Revising centralized certificate validation standards for mobile and wireless communications**", *Elsevier Computer Standards & Interfaces*, 32(5-6), pp. 281-287, 2009
- Π11. G. F. Marias, D. Flitzanis, and K. Mandalas, "**Cooperation Enforcement Schemes for MANETs: A Survey**," *Wiley's Journal of Wireless Communications and Mobile Computing (WCMC), Special Issue on Wireless Networks Security, Volume 6, Issue 3* , pp: 319 – 332, 2006
- Π12. G. F. Marias, L. Kazatzopoulos, C. Delakouridis, P. Georgiadis, "**Applying Privacy on the Dissemination of Location Information**," *Elsevier Telematics and Informatics Journal, Special Issue "Privacy and Anonymity in the Global Village"*, Vol.23, No.3, pp. 211-215, August 2006
- Π13. G. F. Marias, K. Papapanagiotou, V. Tsetsos, O. Sekkas and P. Georgiadis, "**Integrating a trust framework with a distributed certificate validation scheme for MANETs**," *EURASIP Journal on Wireless Communications and Networking Special Issue on Wireless Network Security*, Vol. 2006, Issue 2, 2006
- Π14. L. Kazatzopoulos, C. Delakouridis, G. F. Marias, P. Georgiadis, "**ISSON: An Incentive-based Architecture to Enable Privacy in Dynamic Environments**," *Emerald, Internet Research Journal, Special Issue Privacy and Anonymity in the Digital Era: Theory, Technologies, and Practice*, Vol. 16, Issue 2, pp: 171 – 189, 2006
- Π15. G. F. Marias, G. Papazafeiropoulos, N. Prigouris, S. Hadjiefthymiades, and L. Merakos, "**An Innovative Gateway for Indoor Positioning**," *EURASIP Journal on Applied Signal Processing, Special Issue on Wireless Location Technologies and Applications*, 2006
- Π16. G. F. Marias, "**QoS-based Frequency Selection for Coexisting 802.11 WLANs**," *Elsevier Computers and Electrical Engineering Journal, Computers & Electrical Engineering*, Volume 32, Issue 1-3, Pages 147-165, 2006
- Π17. G. F. Marias, N. Prigouris, G. Papazafeiropoulos, S. Hadjiefthymiades, and L. Merakos, "**Brokering Positioning Data From Heterogeneous Infrastructures**," *Wireless Personal Communication International Journal, Special Issue on Location Based Services and Technologies*, Vol. 30 (Issue: 2-4), pp. 233-245, 2004
- Π18. G. F. Marias, "**Two-Tier Framework of Channel Acquisition in Public Wireless LANs**," *IEEE Wireless Communications, Special Issue "Migration Towards 4g Wireless Communications"*, Vol.11, No.3, pp. 16-23, 2004
- Π19. G. F. Marias, N. Fragkiadakis, and S. Hadjiefthymiades, "**An Enhanced Intelligent DCA Technique For Unlicensed WLANs & PAWNs**," *IEEE Transactions on Systems Man Cybernetics (T-SMC PART C), Special issue on Computational Intelligence in Telecommunications Networks and Internet Services: Vol. 33, No.3*, pp.395-402, 2003

CONFERENCE PUBLICATIONS

- Σ1. Nikos Fotiou, Theodore Kotsonis, Giannis F. Marias, George C. Polyzos: ***Access Control for the Internet of Things***. *SIoT* 2018: 29-38
- Σ2. M. Giannikos, K. Kokoli, N. Fotiou, G.F. Marias, G.C. Polyzos, "***Towards secure and context-aware information lookup for the Internet of Things***", International Conf. on Computing, Networking and Communications (ICNC), 2013
- Σ3. X. He, P. Szalachowski, Z. Kotulski, N. Fotiou, G.F. Marias, G.C. Polyzos, H Meer, ***Energy-aware Key Management in Mobile Wireless Sensor Networks***, *Annales UMCS, Informatica* 12 (4), 83-96, 2012
- Σ4. N. Fotiou, G. F. Marias and G. C. Polyzos. "***Access Control Enforcement Delegation for Information-Centric Networking Architectures***", in Proc. ACM SIGCOMM Workshop on Information-Centric Networking, 2012
- Σ5. N. Fotiou, G. F. Marias and G. C. Polyzos. "***Fighting phishing the information-centric way***". in Proc. Fifth IFIP International Conf. on New Technologies, Mobility and Security (NTMS12), 2012
- Σ6. I. Leontiadis, C. Delakouridis, L. Kazatzopoulos and G. F. Marias, "***ANOSIP: Anonymizing the SIP Protocol***", EuroSys 2012 Workshop on Measurement, Privacy and Mobility (MPM2012), Bern, Swiss, 2012
- Σ7. G.F. Marias, N. Fotiou, G. C. Polyzos, "Efficient information lookup for the Internet of Things". in Proc. 1st IEEE WoWMoM IoT-SoS workshop, 2012
- Σ8. G. C. Polyzos, G. F. Marias, S. Arkoulis, P. A. Frangoudis, et. al, "***ASPECTS: Agile spectrum security***" ***7th Conference on Next Generation Internet***", EURO-NGI, June 2011
- Σ9. N. Fotiou, G. F. Marias and G. C. Polyzos. "***Security Aspects of a Clean Slate Information Oriented Internet Architecture***", 21st Intl Tyrrhenian Workshop on Digital Communications. Sept 2010
- Σ10. N. Fotiou, G. F. Marias, G. C. Polyzos, "***Towards a Secure Rendezvous Network for Future Publish/Subscribe Architectures***", Future Internet - FIS 2010 - Third Future Internet Symposium, pp 49-56, Sept 2010
- Σ11. D. Lagutin, K. Visala, A. Zahemszky, T. Burbridge, G. F. Marias "***Roles and Security in a Publish/Subscribe Network Architecture***", IEEE ISCC 2010, June 2010, Bologna, Italy
- Σ12. N. Fotiou, G. F. Marias and G. C. Polyzos, "***Information Ranking in Content-Centric Networks***" Future Network & Mobile Summit 2010, June 2010, Florence, Italy
- Σ13. N. Fotiou, G. F. Marias and G. C. Polyzos, "***Fighting Spam in Publish/Subscribe Networks Using Information Ranking***", NGI 2010, ***Best Student Paper Award***
- Σ14. S. Arkoulis, P. Frangoudis, G. Marias, G.C. Polyzos, M. Fiedler, R. Herkenhner, H. de Meer, "***Distributed Sensing for Spectrum Agility: Incentives and Security Considerations***," Euro-NF: Future Internet Architecture - New Trends in Service and Networking Architectures, 1st workshop, Paris, France, Nov. 2008.
- Σ15. P. A. Frangoudis, S. Arkoulis, G. F. Marias, G. C. Polyzos, "***Incentives and Security Considerations in Distributed Spectrum Sensing***", 1st Euro-NF Socio-Economics Workshop, October 2008, Athens, Greece
- Σ16. L. Kazatzopoulos, K. Delakouridis, G. F. Marias, "***Providing Anonymity Services in SIP***", IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), Sept. 2008
- Σ17. P. Nikander, Giannis F. Marias, "***Towards Understanding Pure Publish/Subscribe Cryptographic Protocols.***" Cambridge Security Protocols Workshop (SPW 2008), June 2008
- Σ18. K. Papapanagiotou, G. F. Marias, and P. Georgiadis, "***A Certificate Validation Protocol for VANETs***" IEEE Globecom 2007, 2nd Automotive Networking and Applications (AutoNet) Workshop, Nov. 2007
- Σ19. G. Alyfantis, G. Marias, S. Hadjiefthymiades, and L. Merakos, "***Non-cooperative Dynamic Spectrum Access for CDMA networks***", IEEE Globecom 2007, Nov. 2007
- Σ20. Marias G.F., Dritsas S., Theoharidou M., Mallios J., Gritzalis D., "***SIP vulnerabilities and antispit mechanisms assessment***", in Proc. of the 16th IEEE International Conference on Computer Communications and Networks (ICCCN '07), IEEE Press, Hawaii, August 2007

- Σ21. Dritsas S., Mallios J., Theoharidou M., Marias G., Gritzalis D., "**Threat analysis of the Session Initiation Protocol regarding spam**", in Proc. of the 3rd IEEE International Workshop on Information Assurance, New Orleans, April 2007
- Σ22. M. Theoharidou, G. Marias, S. Dritsas, and D. Gritzalis "**The Ambient Intelligence Paradigm. A Review Of Security And Privacy Strategies In Leading Economies**," 2nd Intl. Conf. on Intelligent Environments, IE06, Jul 2006
- Σ23. L. Kazatzopoulos C. Delakouridis G. F. Marias, and P. Georgiadis. "**iHIDE: Hiding Sources of Information in WSNs**," 2nd IEEE International Workshop on Security, Privacy and Trust in Pervasive and Ubiquitous Computing (IEEE SecPerU2006), June 2006
- Σ24. K. Papapanagiotou, G. F. Marias, P. Georgiadis, S. Gritzalis, "**Performance Evaluation of a Distributed OCSP Protocol Over MANETs**", IEEE Consumer Communications and Networking Conference 2006 (IEEE CCNC06), Jan. 2006
- Σ25. K. Papapanagiotou, E. Kellinis, G. F. Marias, "**Alternatives for Multimedia Messaging System Steganography**," IEEE Computational Intelligence and Security (CIS), Dec 2005, Xian, China
- Σ26. G. F. Marias, "**Spectrum Scheduling and Brokering Based on QoS Demands of Competing WISPs**," First IEEE International Symposium on New Frontiers in Dynamic Spectrum Access Networks (IEEE DySPAN2005), Nov. 2005
- Σ27. G. F. Marias "**A QoS-based Auction Protocol for Coexisting WISPs**," 14th IEEE Workshop on Local and Metropolitan Area Networks (LANMAN 2005), Sept. 2005
- Σ28. V. Tsetsos, G. F. Marias, and S. Paskalis, "**Trust management issues for ad hoc and self-organized networks**," The 2nd IFIP TC6 International Workshop on Autonomic Communication (WAC 2005), Oct. 2005
- Σ29. G. F. Marias, K. Papapanagiotou, and P. Georgiadis, "**Caching Alternatives for a MANET-Oriented OCSP Scheme**," IEEE/CREATE-NET Workshop on Security and QoS in Communications Networks (IEEE SecQoS), Sept. 2005
- Σ30. G. F. Marias, V. Tsetsos, O. Sekkas, and P. Georgiadis, "**Performance Evaluation of a self-evolving trust building framework**," IEEE SECOVAL Workshop, Sept. 2005
- Σ31. G. F. Marias, V. Tsetsos, O. Sekkas, and P. Georgiadis, "**A generic framework towards trust building in self-organized, peer, networks**", 1st IEEE International Workshop on Security, Privacy and Trust in Pervasive and Ubiquitous Computing (IEEE SecPerU2005), Santorini, July 2005
- Σ32. D. Drossos, G. F. Marias, and D. Gouscos, "**M-GOV: A proposed architecture for mobile government transactions**", 1st Euro Conference on Mobile Government, Brighton, UK, July 2005
- Σ33. G. F. Marias, C. Delakouridis, L. Kazatzopoulos, and P. Georgiadis, "**Location Privacy Through Secret Sharing Techniques**", 1st IEEE International Workshop on Trust, Security and Privacy for Ubiquitous Computing, TSPUC 2005, Taormina, Italy, June 2005
- Σ34. A. Ioannidis, I. Priggouris, G. F. Marias, S. Hadjiefthymiades, and C. Kassapoglou-Faist, "**PoLoS Platform Demonstration**", 6th International Conference on Mobile Data Management, MDM2005, demo session, Cyprus, May 2005
- Σ35. C. Delakouridis, L. Kazatzopoulos, G. F. Marias, and P. Georgiadis, "**Share The Secret: Enabling location privacy in ubiquitous environments**" Location and Context-Awareness Workshop, LoCA 2005, Munich, Germany, May 2005, **Ericsson International Student Award**
- Σ36. G. F. Marias, K. Papapanagiotou, and P. Georgiadis, "**ADOPT. A Distributed OCSP for Trust Establishment in MANETs**", 11th European Wireless Conference 2005, Nicosia, Cyprus, April 2005
- Σ37. G. F. Marias, K. Papapanagiotou, and P. Georgiadis, "**A Distributed OCSP Framework For Ad-Hoc Networks**", International Conference Applied Computing 2005, Algarve, Portugal, Febr. 2005
- Σ38. N. Priggouris, G. Papazafeiropoulos, G. F. Marias, S. Hadjiefthymiades and L. Merakos, "**A network independent broker for obtaining position of nomadic users**," 19th ACM Symposium on Applied Computing, SAC 2004, Mobile Computing and Applications Track (MCA), poster session, Nicosia, Cyprus, March 2004
- Σ39. A. Ioannidis, I. Priggouris, G. F. Marias, S. Hadjiefthymiades, C. Faist-Kassapoglou, J. Hernandez, and L. Merakos, "**PoLoS: Integrated Platform for Location-Based Services**," IST Mobile & Wireless Communications Summit, Portugal, June 2003
- Σ40. G. Papazafeiropoulos, N. Priggouris, G. F. Marias, S. Hadjiefthymiades, and L. Merakos, "**Retrieving Position From Indoor WLANs Through GWLC**," IST Mobile & Wireless Communications Summit, Portugal, June 2003

- Σ41. N. Priggouris, G. Papazafeiropoulos, G. F. Marias, S. Hadjiefthymiades, and L. Merakos, "**Building a Generic Broker for Location Retrieval**," IST Mobile & Wireless Communications Summit," Portugal, June 2003
- Σ42. G. F. Marias, N. Fragkiadakis, S. Hadjiefthymiades, and L. Merakos, "**An Enhanced Intelligent DCA Technique For Unlicensed wLANs and PAWNs**," IEEE Wireless Communications and Networking Conf., WCNC2003, New Orleans, USA, March 2003
- Σ43. G. F. Marias and L. Merakos, "**Scheduling Differentiated Traffic in Multicarrier Unlicensed System**," Lecture Notes in Computer Science, Volume 2345/2002, ISSN: 0302-9743, (on 2nd International IFIP-TC6 Networking 2002 Conference, Pisa, Italy, May 2002)
- Σ44. G. F. Marias and L. Merakos, "**Resource Allocation Based on Traffic Contracts In Wireless TDMA systems**," 3rd Generation Infrastructure and Services, 3GIS2001, Athens, Greece, July 2001
- Σ45. G. F. Marias and L. Merakos, "**A QoS Based Distributed Method For Resource Allocation In Unlicensed Wireless ATM Systems**," Lecture Notes in Computer Science, Volume 2093/2001, ISSN: 0302-9743, (on IEEE International Conference on Networking 2001, ICN2001, July 2001)
- Σ46. G. F. Marias and L. Merakos, "**Performance Estimation of a Decentralized Multicarrier access framework in Unlicensed wireless systems**," IEEE International Conference on Communications 2001, ICC2001, Helsinki, Finland, June 2001
- Σ47. G. F. Marias and L. Merakos, "**Intelligent DCA in Unlicensed Wireless CPN**," 4th European Personal Mobile Communications Conference, EPMCC2001, Vienna, Austria, Feb. 2001
- Σ48. G. F. Marias and L. Merakos, "**A Distributed Multiple Access Technique for Radio Resource Allocation in Unlicensed Wireless ATM LANs**," IEEE Personal Indoor Mobile and Radio Communications, PIMRC2000, London, UK, September 2000
- Σ49. G. F. Marias and L. Merakos, "**A Distributed Dynamic Channel Reservation Framework for Wireless ATM LANs**," IEEE International Zurich Seminar on Broadband Communications, IZS2000, Zurich, Switzerland, February 2000
- Σ50. G. F. Marias and L. Merakos, "**A Distributed Channel Allocation Method for Self-Organised Base Stations in a Wireless ATM Unlicensed System**," Multi-access Mobility and Teletraffic for Wireless Communications 1999 Workshop, MMT99, Venice, Italy, October 1999
- Σ51. G. F. Marias, D. Skyrianoglou, and L. Merakos, "**Comparison of a Distributed and a Centralised Framework for DCA in Wireless ATM**," ACTS Mobile Summit, AMOS '99, Sorrento, Italy, June 1999
- Σ52. G. F. Marias, D. Skyrianoglou, and L. Merakos, "**A Centralized Approach to Dynamic Channel Assignment in Wireless ATM LANs**," IEEE INFOCOM'99, NY, USA, March 1999
- Σ53. G. F. Marias, D. Skyrianoglou, A. Andritsou, and G. Dravopoulos, "**Dynamic Channel Allocation in WAND**," ACTS Mobile Summit AMOS'98, Rhodes, Greece, June 1998
- Σ54. I. Pavlidis, G. F. Marias, and N. B. Pronios, "**Managing a wireless ATM Network**," ACTS Mobile Summit, Granada, Spain, November 1996
- Σ55. I. E. Dravopoulos, G. F. Marias, and N. B. Pronios, "**Distributed Aspects in Wireless ATM networks**," International Workshop for Multimedia Communications, IWMC '96, Thessaloniki, Greece, September 1996
- Σ56. T. Bozios, G. F. Marias, N. B. Pronios, and P. Georgiadis, "**Lessons Learned on Multimedia Applications**," 1st European Conference on Multimedia Applications and Services, ECMAS'96, Louvain-La-Neuve, Belgium, May 1996

BOOK CHAPTERS

- B1. I. Priggouris, S. Hadjiefthymiades, and G. Marias, "Location Based Services", in 'Emerging Wireless Multimedia Services and Technologies', editors: N. Passas, A. Salkintzis, Wiley, July 2005
- B2. L. Kazatzopoulos, K. Delakourides and G. F. Marias, "Anonymity in SIP" in "SIP Handbook: Services, Technologies, and Security of Session Initiation Protocol", editors: S. A. Ahson and M. Ilyas, CRC Press, Nov 2008
- B3. G. F. Marias, Theoharidou M., Soupionis Y., Ehlert S., Gritzalis D., and L. Mitrou, "SIP Vulnerabilities for SPIT, SPIT Identification Criteria, Anti-SPIT Mechanisms Evaluation Framework and Legal Issues" in "SIP Handbook: Services, Technologies, and Security of Session Initiation Protocol", editors: S. A. Ahson and M. Ilyas, CRC Press, Nov 2008

- B4. I. Μαριάς, Π. Γεωργιάδης, "Σχήματα Διαμοιρασμού Μυστικού" περιλαμβάνεται στο "Σύγχρονη Κρυπτογραφία: Θεωρία και Εφαρμογές", Επιμέλεια Έκδοσης (Editors): M. Burmester, Σ. Γκρίτζαλης, Σ. Κάτσικας, Β. Χρυσικόπουλος, Εκδόσεις Παπασωτηρίου, αναμένεται εντός 2010
- B5. N. Fotiou, G. F. Marias and G. C. Polyzos, "Publish-Subscribe Internetworking Security Aspects", Publisher: Springer, Editor: G. Bianchi, L. Salgarelli, N. Blefari-Melazzi, Series: Trustworthy Internet, 2011

INVITED PAPERS

- I1. K. Mandalas, D. Flitzanis, G. F. Marias, P. Georgiadis, "**A Survey of Several Cooperation Enforcement Schemes for MANETs**", 5th IEEE International Symposium on Signal Processing and Information Technology (IEEE ISSPIT 2005), Athens, Dec. 2005, Symposium on "Security and Privacy in Mobile and Wireless Computing"
- I2. K. Papapanagiotou, G. F. Marias, P. Georgiadis, and S. Gritzalis, "**Performance Evaluation of an Ad-hoc Distributed OCSP Protocol Over MANETs**", IEEE Consumer Communications and Networking Conference (IEEE CCNC2006), Special Session on Ad hoc and Sensor Network Security, Jan 2006
- I3. S. Arkoulis, L. Katatzopoulos, C. Delakouridis, G. Marias "**Cognitive Spectrum and its Security Issues**" IEEE International Conference and Exhibition on Next Generation Mobile Applications, Services And Technologies (NGMAST'08), Sept 2008
- I4. G. F. Marias, "**Security Aspects of the PSIRP Publish/Subscribe Architecture**", Future Network Summit 2010, Future Internet Workshop & Cluster Meeting, Florence, Italy, June 2010

INVITED TALKS and TEACHING

- T1. Giannis F. Marias, "Social and Technical Aspects of Privacy and Security Issues for the Internet of Things and the Object Naming System", European Summer School on Internet Governance 2009, Meissen / Germany, July 26 – August 1, 2009
- T2. Giannis F. Marias, "Modern Telephony & Security", OTE Academy, Executive Course in Telecom Management, Jan 2009
- T3. Giannis F. Marias, "Spam over Internet telephony. A new threat to seek solutions", Greek ICT Forum, Nov. 2007
- T4. Giannis F. Marias, "Public Key Infrastructure in the Greek Public Sector: Projects and Prospects", Workshop: Security Information and Communication Systems, Athens, June 2003, National Center for Public Administration
- T5. Giannis F. Marias, "The Need and the Framework for Electronic Governance", Workshop: Advanced Networking Technologies & Applications 2003 (ANTA03), Athens, June 2003

CONTRIBUTION ON ACADEMIC AND SCHOOL PROCEDURES

Febr 2018 - : Director of the Dept of Informatics, Computer Laboratories,

EDUCATION

1998-2004: Ph.D. degree in Informatics, University of Athens, Greece

1989-1995: Diploma in computer and software engineering, Department of Computer and Software Engineering, University of Patras, Greece, (1995)

TEACHING EXPERIENCE

Dept. of Informatics, Athens University of Economics and Business, 2007-2019

- **Applied Cryptography**, Graduate Program in Information Systems

- **System and Network Security**, Graduate Program in Information Systems
- **Network Security**, Undergraduate Program in Information Systems
- **Computer Systems Organization**, Undergraduate Program in Information Systems
- **Computer Networks**, Undergraduate Program in Information Systems

Computer Science, School of Science and Technology, Hellenic Open University, 2008-2015

- **Modern Networks and Services**, Graduate Program in Computer Science, 2008-2015
- **Information Security**, Graduate Program in Computer Science, 2015-2016

CONFERENCE CO-CHAIR

- **Program co-Chair**, 1st IEEE International Workshop on Security, Privacy and Trust in Pervasive and Ubiquitous Computing, July 2005, Santorini Island, Greece (In conjunction with the IEEE ICPS'2005)
- **Program co-Chair**, 2nd IEEE International Workshop on Security, Privacy and Trust in Pervasive and Ubiquitous Computing, June 2006, Lyon, France (In conjunction with the IEEE ICPS'2006)
- **Program co-Chair**, 3rd IEEE International Workshop on Security, Privacy and Trust in Pervasive and Ubiquitous Computing, July 2006, Istanbul, Turkey (In conjunction with the IEEE ICPS'2007)

CONFERENCE TPC MEMBER

- Multimedia Systems/Communication (MMC) and Information-Centric Networking (ICN) ICME 2015
- International Conference on Security in Computer Networks (SNDS-2014)
- Conference on Information Security (CIS 2014)
- International Conference on Connected Vehicles & Expo (ICCVE 2014)
- International Conference on Multimedia Information Networking and Security (MINES 2014)
- IEEE Symposium on Computers & Informatics (ISCI 2013)
- International Conference on Connected Vehicles & Expo (ICCVE 2013)
- Annual Privacy Forum 2012 (APF 2012)
- International Workshop on Security in Self-Organising Networks (SelfNet'12)
- IEEE Symposium on Wireless Telecommunications Applications (ISWTA2012)
- Intl Conf. on Security in Computer Networks and Distributed Systems (SNDS-2012)
- Globecom2012, Commun. and Information System Security Symposium (GC12 CISS)
- 3rd International Workshop on Security and Communication Networks (IWSCN2011)
- IEEE ICC 2011, Communication and Information Systems Security (ICC CISS)
- IEEE Wireless Communications and Networking Conference (IEEE WCNC 2010)
- 2nd International Workshop on Security and Communication Networks (IWSCN 2010)
- The First International Symposium on Ubiquitous & Trusted Computing (UTC 2010)
- International Conference on Multimedia Information Networking and Security (MINES 2009)
- International Workshop on Security and Privacy in Wireless and Mobile Computing, Networking and Communications (SecPri_WiMob 2008) October 2008, Avignon, France
- SAC 2008, The 23rd ACM Symposium on Applied Computing, March 2008 Brazil, Track: Trust, Recommendations, Evidence and other Collaboration Know-how (TRECK)
- Sponsor Chair, ICST - Valuetools 2008, October 2008, Athens, Greece
- Second International Workshop on Combining Context with Trust, Security, and Privacy (CAT2008)
- IEEE Globecom 2007, Ad Hoc and Sensor Networking Symposium

- IEEE SECOVAL Workshop 2007
- 1st International Workshop on Combining Context with Trust, Security, and Privacy (CAT 2007)
- ACM Symposium on Applied Computing 2007, Trust, Recommendations, Evidence and other Collaboration Know-how (TRECK) Track, Seoul, Korea, March 2007
- Managing and Implementing Integration in E-Gov Architectures Workshop (2007)
- IEEE ICC 2006 Wireless Ad hoc and Sensor Networks Symposium, Istanbul, Turkey, June 2006
- IWCCC 2006 International Wireless Communications and Computing Conference (IWCCC06)
- IEEE SECOVAL Workshop 2006
- EURO mGOV 2006
- International Symposium on Broadband Access Technologies in Metropolitan Area Networks (ISBAT2006)
- Session Chair, Short Papers Session IEEE International Conference on Pervasive Services 2005 (ICPS'05)
- Emerging Networks, Technologies & Standards Symposium, WIRELESSCOM 2005

RECENT PROJECTS AND INITIATIVES

- Oct 2019 – know AIA's Information and Passenger Assistance Services via an Augmented-solution Gateway. AKPΩNYMIO: AI-PASAG. GRST.
- Feb 2012 – Sept 2014 Information-Centric future mobile and wireless Access Networks (I-CAN) Research Framework THALIS, Greek Ministry of Education.
- Feb 2012 – Sept 2014 National Project DISFER: Distributed Sensor systems For Emergency Response, Research Framework THALIS, Greek Ministry of Education.
- Dec 2011 – June 2012 E-Key-Nets Project. Energy-Aware Key Management in Mobile Wireless Sensor Networks. A Euro-NF Specific Joint Research Project.
- Oct. 2010 – Today. ICT-FP7 **PURSUIT Project**. Publish Subscribe Internet Technology (FP7-ICT-2009-5). Senior Member of the security design team
- 2010 – 2011. **GOVPIMIT Project**: Governance and Privacy Implications of the "Internet of Things". A Euro-NF Specific Joint Research Project. Senior Researcher.
- 2008 – Today. ICT-FP7-NoE, **EuroNF project**. Anticipating the Network of the Future - From Theory to Design (FP7-INFISO-IST-216366). Coordinator of the Work Package JRA3.4, "Trust, Privacy and Security for the Future Internet".
- 2008 – Today. ICT-FP7 **PRIRP project**. Publish-subscribe Internet Routing Paradigm (FP7-INFISO-IST-216173). Coordinator of the Red Team and member of the security design team
- 2007 – 2009. ICT-FP7 **SPIDER project**. SPam over Internet telephony Detection sERvice (COOP-CT-2006-32720). Senior Researcher.
- 2008 – Today. **Think-Trust Project** Working Group Member. Think-Trust (FP7-216890) is a project funded by the EC's 7th Framework IST Programme, within the Unit F5 ICT for Trust and Security. It is investigating Trust, Security, Dependability, Privacy and Identity from ICT and Societal Perspectives.
- 2008 – 2009 **EETT - National Telecommunications Regulatory Authority**. Member of Working Group on evaluating Greek Public Certificate Service Providers.
- 2009. **ASPECTS Project**: Agile SPECTrum Security. A Euro-NF Specific Joint Research Project. Senior Researcher.
- 2005 – 2008. **PERAS Project**. "Protection and Authentication in MANETs (PERAS)". Greek R&D Committee founded project (PENED). Coordinator

- 2003 – 2005. **PASO Project**. PKI Services and Security from OTE. OTE Research funded project. Coordinator

SELECTED NATIONAL & INTERNATIONAL R&D PROJECTS

Mar. 02 – Mar. 04. European Committee founded project: IST STREP project "PoLoS. Location Based Services". Senior Researcher

Mar. 04 – Jul. 06. Greek R&D Committee founded project: GSRT R&D project PYTHAGORAS. Always Best Connected. Senior Researcher

Mar. 06 – Mar.08. Greek R&D Committee founded project: "CORINE: Location Based Services in Indoor and Campus Networks". Senior Researcher

CITATIONS (as per June 2019)

- Citations: 1010
- h-index: 19
- i10-index: 36