

Curriculum Vitae

PERSONAL INFORMATION

Dr. Georgios Drosatos



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🌐 www.drosatos.info .gr .eu

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Sex Male | Date of birth 17/03/1984 | Nationality Greek

CURRENT POSITIONS

- Researcher, Institute for Language and Speech Processing, Athena Research Center, Xanthi Branch (Greece)

RESEARCH INTERESTS

- Privacy technologies using cryptographic protocols; privacy-by-design architectures and approaches
- Information retrieval and data mining from the World Wide Web, scientific literature repositories and social networks
- Machine learning and contextual suggestion as user support services in health and tourism
- Modeling polymorphic data and developing knowledge descriptive ontologies
- Data and information security by providing services such as knowledge non-repudiation and data integrity

EDUCATION AND TRAINING

2017–2019 Postdoctoral Research

School of Medicine, Democritus University of Thrace, Alexandroupoli (Greece)
www.med.duth.gr

Title of postdoctoral research: «Design and development of algorithms for analysis and protection of sensitive, large-scale medical personal data»

Supervisor: Eleni Kaldoudi, Associate Professor

2007–2013 Doctor of Philosophy (PhD)

Department of Electrical and Computer Engineering, Democritus University of Thrace (DUTH), Xanthi (Greece)

www.ee.duth.gr

Title of doctoral dissertation: “Utilization and Protection of Personal Data in Ubiquitous Computing Environments”

Supervisor: Pavlos S. Efraimidis, Associate Professor

DOI: 10.12681/eadd/30085

Grade: “EXCELLENT”

2008–2010 **Master of Science (MSc)**

Department of Electrical and Computer Engineering, Democritus University of Thrace (DUTH), Xanthi (Greece)
www.ee.duth.gr

Master's degree title: "Algorithms for Exploiting Personal Location Data While Protecting Privacy: Application in Provision of Medical Services"

Supervisor: Alexandros Karakos, Professor

Grade: 9,85/10

2001–2006 **Bachelor's Degree (integrated with Master's Degree)**

Department of Electrical and Computer Engineering, Democritus University of Thrace (DUTH), Xanthi (Greece)
www.ee.duth.gr

Diploma thesis title: "Data Management on Platforms with Limited Computational Resources"

Supervisor: Pavlos S. Efraimidis, Associate Professor

Grade: 7,77/10

Foreign language English, C2 Level

Certificate: Pearson Test of English (PTE) Level 5 (2018)

Technical computer skills

Operating systems	MS-DOS, Windows XP/Vista/7/8.1/10, Windows Server 2003/2008/2012, Linux (Knoppix, Slax, Fedora, Red Hat, Ubuntu), Windows Mobile 5.0/6.0, Android	Web development	HTML5, PHP, CSS, JSP, JavaScript, NodeJS, AngularJS
Applications	Word, Excel, PowerPoint, Matlab (Simulink), Eclipse, Borland JBuilder, Spice, Leonardo Spectrum, Visual Studio 2015, SPSS 16, Protégé 5, Android Studio	Databases	MySQL, Oracle, MS Access, SQL Server 2012, PostgreSQL, Virtuoso 7.2 (RDF Repositories)
Programming languages		Fortran, C, C++, C#, Pascal, Java, Python, VHDL, SQL, XML, OWL2, SPARQL	

RESEARCH EXPERIENCE

15/07/2020–Today **Researcher**

Institute for Language and Speech Processing (ILSP), ATHENA - Research and Innovation Center in Information, Communication and Knowledge Technologies, Xanthi (Greece)
<https://www.athenarc.gr>

01/01/2019–27/06/2021 **Associate Researcher**

Institute for Language and Speech Processing (ILSP), ATHENA - Research and Innovation

Center in Information, Communication and Knowledge Technologies, Xanthi (Greece)
<https://promote.ceti.gr>

Participation in PROMOTE Project (Tools for Promoting Tourism Experience) with funds from the Greek Operational Program "Competitiveness, Entrepreneurship and Innovation 2014-2020", Single Action "RESEARCH-CREATE-INNOVATE" under grant agreement no. MIS 5030446. Team Leader: Pavlos S. Efraimidis, Associate Professor.

01/04/2019–31/03/2020

Research Associate

DATAVERSE Information Systems and Applications Ltd., Thessaloniki (Greece)
www.dataverse.gr

Participation in Oncorecords Project (An Oncology-Oriented Medical Records Management System) with funds from the Greek Operational Program "Competitiveness, Entrepreneurship and Innovation 2014-2020", Single Action "RESEARCH-CREATE-INNOVATE" under grant agreement no. MIS 5030205. Coordinator: Dr. Christos Papaterpos, CEO.

01/04/2018–14/01/2020

Associate Researcher

Department of Electrical and Computer Engineering, Democritus University of Thrace (DUTH), Xanthi (Greece)
<https://euclid.ee.duth.gr/projects/akseid/>

Participation in AKSEID Project (Assessment of News Reliability in Social Networks of Influence) with funds from the Greek Operational Program "Human Resources Development, Education and Lifelong Learning 2014-2020" under grant agreement no. MIS 5006337. Coordinator: Pavlos S. Efraimidis, Associate Professor.

14/08/2017–15/12/2018

Research Software Engineer

Department of Computing and Informatics, Bournemouth University (BU), Bournemouth (United Kingdom)
<https://research.bournemouth.ac.uk/project/erogamb/>

Participation in EROGamb Project (Empowering Responsible Online Gambling with Predictive, Real-time, Persuasive and Interactive Intervention) with funds from GambleAware (<https://about.gambleaware.org>) and Bournemouth University. Coordinator: Raian Ali, Associate Professor.

01/12/2014–31/12/2019

Associate Researcher & Project Manager

School of Medicine, Democritus University of Thrace (DUTH), Alexandroupoli (Greece)
<https://www.carre-project.eu>

Participation as associate researcher and project manager in CARRE Project (Personalized patient empowerment and shared decision support for cardiorenal disease and comorbidities) with funds from the European Union's 7th Framework Programme under grant agreement no. 611140. In addition, participation in other relevant projects: CARRE Matching Funds and CARRE Subproject 1 (Overheads). Coordinator: Eleni Kaldoudi, Associate Professor.

Final evaluation: Excellent progress with encouragement to continue our research in future research projects.

25/01/2013–09/12/2014

Associate Researcher

Institute for Language and Speech Processing (ILSP), ATHENA - Research and Innovation Center in Information, Communication and Knowledge Technologies, Xanthi (Greece)
<http://atlas.ee.duth.gr>

Participation in ATLAS Project (Advanced Tourism PLanning System), GSRT/CO-OPERATION/11SYN-10-1730 (CO-OPERATION 2011). Team Leader: Pavlos S. Efraimidis, Associate Professor.

01/10/2010–31/10/2011 Associate Research Assistant
03/04/2012–31/07/2012 Department of Electrical and Computer Engineering, Democritus University of Thrace (DUTH), Xanthi (Greece)
<https://www.spice-center.org>
Participation in SPICE Project (Space Internetworking Center) with funds from the European Union's 7th Framework Programme under grant agreement no. 264226. Coordinator: Vassilis Tsaoussidis, Professor.

01/07/2004–31/08/2004 Internship
Cultural and Educational Technology Institute (CETI), Xanthi (Greece)
Expertise engagements were about XML language and data mining.

TEACHING EXPERIENCE

- 2021–2022 Associated Educational Personnel (SEP) Postgraduate University Courses (Distance Learning)
Department of Computer Science, International Hellenic University, Kavala (Greece)
Associated Educational Personnel (SEP) in the Department of Computer Science, IHU for the Master Program "Immersive Technologies - Innovation in Education, Training and Game Design" for 1 academic year:
- "Security and privacy issues in Immersive Technologies", 1 academic year (2021-22), Winter Semester, Department of Computer Science, IHU
- 2019–2021 Associated Educational Personnel (SEP) Postgraduate University Courses (Distance Learning)
Department of Computer Science, Neapolis University, Pafos (Cyprus)
Associated Educational Personnel (SEP) in the Department of Computer Science, NUP for the Postgraduate Program "Information Systems and Digital Innovation (Distance Learning)" for 2 academic years:
- "Information Systems Analysis and Design", 2 academic year (2019-21), Spring Semester, Department of Computer Science, NUP
- 2018–2021 Teaching Postgraduate University Courses
Department of Computer Science, International Hellenic University, Kavala (Greece)
Teaching the following postgraduate courses assigned by the General Assembly of the Department of Computer Science, IHU for the MPhil Program "Advanced Technologies in Informatics and Computers" for 3 academic years:
- "Applied Cryptography", 3 academic years (2018-21), Winter Semester, Department of Informatics, IHU
 - "Security and Privacy in Cyber-Physical Systems", 3 academic years (2018-21), Spring Semester, Department of Informatics, IHU
- 2016–2020 Teaching Undergraduate University Courses

Department of Electrical and Computer Engineering & School of Medicine, Democritus University of Thrace (DUTH), Xanthi-Alexandroupoli (Greece)

Teaching the following undergraduate courses with post-crisis assignment in the framework "Acquisition of Academic Experience for Young PhD Scientists" (MIS codes: 5000737, 5008096, 5030334 and 5045567):

- "Computer Security Systems (5Θ38)", 4 academic years (2016-20), 9th Winter Semester, Department of EECE, DUTH <https://eclass.duth.gr/courses/TMA540/>
Latest student rating: 4.02/5
- "Cryptography (5H70)", 3 academic years (2016-17 & 2018-20), 8th Spring Semester, Department of EECE, DUTH <https://eclass.duth.gr/courses/TMA547/>
Latest student rating: 4.55/5
- "Software Engineering (5Z9)", 2 academic years (2018-20), 6th Spring Semester, Department of EECE, DUTH <https://eclass.duth.gr/courses/TMA567/>
Latest student rating: 4.81/5
- "Information Systems in Health (IATPA3O6)", 1 academic year (2017-18), 2nd Spring Semester, School of Medicine, DUTH, <https://eclass.duth.gr/courses/ALEX06112/>
Latest student rating: 4.57/5

01/03/2008–31/12/2013 Undergraduate Teaching Assistant

Department of Electrical and Computer Engineering, Democritus University of Thrace (DUTH), Xanthi (Greece)

Teaching Assistant as PhD student in 16 undergraduate university courses: Cryptography, Data Structures, Introduction to Computer Science (2 semesters), Information Retrieval and Data Mining, Databases (4 semesters), Operating Systems (3 semesters), Advanced Databases, Computer Security Systems, Computer Programming I (Fortran), and Structured Programming III (Java).

Supervision of MSc and PhD

- **Postgraduate student:** Evangelos Lampropoulos, **Subject:** Review of Privacy Solutions on the Internet of Medical Things (iOMT), **Date of completion:** January 2022, **Supervisor:** George Drosatos, Researcher, ILSP, ATHENA RC and SEP, Neapolis University Pafos
- **PhD candidate:** Anastasia Dimakopoulou, **Subject:** Consent Management of the Personal Data Processing on the Internet of Things, **Subject definition date:** May 2021, **Supervisor:** Konstantinos Rantos, Associate Professor, Dept. of Informatics, IHU, **Member of three-member committee:** George Drosatos, Researcher, ILSP, ATHENA RC
- **Postgraduate student:** Isidora Tasidou, **Subject:** Review of Privacy Solutions for the Recommendation of Tourism Information, **Date of completion:** June 2021, **Supervisor:** George Drosatos, Researcher, ILSP, ATHENA RC and SEP, Neapolis University Pafos
- **Postgraduate student:** Simela Papaeuaggelou, **Subject:** Review of Federated Learning Applications in the Field of e-Health, **Date of completion:** June 2021, **Supervisor:** George Drosatos, Researcher, ILSP, ATHENA RC and SEP, Neapolis University Pafos
- **Postgraduate student:** Nikolaos Vardaris, **Subject:** Design and Implementation of an Application for the Collection and Visualization of Epidemiological Data Using Privacy Protection Technologies: Use Case for the COVID-19 Virus, **Date of completion:** January 2021, **Supervisor:** Aimilia Tasidou, Researcher, Télécom SudParis, Institut Polytechnique de Paris, France and SEP, Neapolis University Pafos, **Member of three-member committee:** George Drosatos, Researcher, ILSP, ATHENA RC and SEP, Neapolis University Pafos
- **PhD candidate:** Vasileios Perifanis, **Subject:** Privacy-Preserving Computations and

Machine Learning over Decentralized Data, **Subject definition date:** November 2020, **Supervisor:** Pavlos S. Efraimidis, Associate Professor, EECE, DUTH, **Member of three-member committee:** George Drosatos, Researcher, ILSP, ATHENA RC

- **PhD candidate:** Andreas Sendros, **Subject:** Efficient Execution of Calculations in a Blockchain Infrastructure Environment, **Subject definition date:** February 2020, **Supervisor:** Pavlos S. Efraimidis, Associate Professor, EECE, DUTH
- **PhD candidate:** Charalambos Dobras, **Subject:** Medical data analytics in precision medicine, **Subject definition date:** December 2019, **Supervisor:** Eleni Kaldoudi, Associate Professor, MED, DUTH
- **PhD candidate:** Spyridon Kavvadias, **Subject:** Semantic representation, processing and analysis of digital data in electronic health systems, **Subject definition date:** March 2016, **Supervisor:** Eleni Kaldoudi, Associate Professor, MED, DUTH
- **Postgraduate student:** Fotios Chatsioudis, **Subject:** Privacy-enhanced management of large personal data collections, **Date of completion:** January 2015, **Supervisor:** Pavlos S. Efraimidis, Associate Professor, EECE, DUTH
- **Postgraduate student:** Giorgos Stamatelatos, **Subject:** Algorithmic techniques for influence dynamics in social networks, **Date of completion:** July 2014, **Supervisor:** Pavlos S. Efraimidis, Associate Professor, EECE, DUTH

Other educational activities

- DUTH team coordinator of the Department of Electrical and Computer Engineering, Democritus University of Thrace in the Greek National Cybernetics Exercise “**Panoptis 2018**”. The team was staffed by 11 undergraduate students and participated into 4 episodes ((1) Web Application, (2) Windows Forensics, (3) Linux Forensics and (4) Network Forensics). The DUTH team’s participation was successful and produced excellent results with quite good solutions.

OTHER PROFESSIONAL EXPERIENCE

01/01/2009–31/12/2017

Electrical Engineer

SKOLIDI YIOI VL. LTD., Chalkida (Greece)

Responsible electrical engineer of the electromechanical installations of the company “SKOLIDI YIOI VL. LTD.”, active in the field of aggregates.

17/03/2014–20/10/2014

Analyst Programmer

D’ Army Corps, Ministry of National Defense, Xanthi (Greece)

01/01/2010–30/06/2014

Technical Computer Administrator

Hatzistefanou Educational Centers, Xanthi (Greece)

www.hatzistefanou.gr

Responsible administrator and technical manager in the computer rooms of Hatzistefanou Educational Centers.

01/01/2011–30/09/2013

Technical Computer Administrator

KEPIS, Examination center of Xanthi, Xanthi (Greece)

<http://epimorfosi.cti.gr>

Technical manager in the projects "Implementation of Scheduled ICT Certifications – Level I" and "Implementation of Planned and Approved Teacher Certification – Level II", led by Prof. Alexandros Karakos.

- 01/06/2012–30/10/2012 **Computer Programmer (Developer)**
 Raftopoulos Driving School, Xanthi (Greece)
<http://raftopoulos.dyndns.biz>
 Development of a stand-alone application, using Java, MySQL and Tomcat, for the complete organization of the practical and theoretical courses in Raftopoulos Driving School.
- 01/09/2009–30/06/2010 **Computer Lab Administrator**
 Department of Electrical and Computer Engineering, Democritus University of Thrace (DUTH), Xanthi (Greece)
 Computer Lab Administrator of two laboratories (AY1 and AY2) in Department of Electrical and Computer Engineering, Democritus University of Thrace.
- 01/06/2009–30/10/2009 **Computer Network Administrator**
 Programming and Information Processing Laboratory, Department of Electrical and Computer Engineering, Democritus University of Thrace (DUTH), Xanthi (Greece)
 Managing the computing infrastructures of the Algorithms and Privacy Research Team in the framework of the project "Modernization of Infrastructure and Activities of the Programming and Information Processing Laboratory" (KE 80017).
- 01/05/2008–31/08/2008 **Computer Programmer (Developer)**
 Center of theoretical driver training "DEMOCRITUS", Xanthi (Greece)
www.dimokritos-sxolesodigon.gr
 Development of a stand-alone application, using Java and MySQL, for the complete organization of theoretical courses in Center of theoretical driver training "DEMOCRITUS".

RESEARCH WORK

Scientific associations

- Member of European Alliance for Medical and Biological Engineering & Science (EAMBES)
- Member of Institute for Systems and Technologies of Information, Control and Communication (INSTICC)
- Member of Institute of Electrical and Electronics Engineers (IEEE)
- Member of Hellenic Society of Biomedical Technology (ELEVIT)
- Member of Technical Chamber of Greece (TEE-TCG)

Guest editor at scientific journals

- Special Issue on "Advanced Technologies in Data and Information Security", Applied Sciences, MDPI, 2022
- Special Issue on "Advances in Cyber Threat Intelligence", Security and Communication Networks, Wiley & Hindawi, 2021
- Research Topic on "Security and Privacy on Blockchain-based AI", Frontiers in Blockchain, Frontiers, 2021

Reviewer at scientific journals

- Computers & Security (CoSe), Elsevier
- Data & Knowledge Engineering (DKE), Elsevier

- International Journal of Distributed Sensor Networks (IJDSN), Hindawi
- International Journal of Information Technologies and Systems Approach (IJITSA), IGI Global
- Journal of Biomedical and Health Informatics (JBHI), IEEE
- Security and Communication Networks (SCN), Wiley
- Journal of Systems and Software (JSS), Elsevier
- Transactions on Mobile Computing (TMC), IEEE
- Transactions on the Web (TWEB), ACM
- IEEE Access: The Multidisciplinary Open Access Journal (ACCESS), IEEE
- Transactions on Systems, Man, and Cybernetics: Systems (Trans SMC), IEEE
- Transactions on Information Forensics and Security (Trans IFS), IEEE
- Computational and Structural Biotechnology Journal (CSBJ), Elsevier
- Expert Systems with Applications (ESWA), Elsevier
- Applied Sciences (ApplSci), MDPI
- International Journal of Information Management (IJIM), Elsevier
- Journal of Ambient Intelligence and Humanized Computing, Springer
- International Journal of Environmental Research and Public Health (IJERPH), MDPI
- Gates Open Research, F1000
- PeerJ Computer Science, PeerJ
- Artificial Intelligence Review, Springer
- Sustainability, MDPI
- International Journal of Medical Informatics (IJMEDI), Elsevier
- Journal of Biomedical Informatics (JBI), Elsevier
- IEEE Networking Letters (LNET), IEEE
- Security and Privacy (SPY), Wiley
- Distributed and Parallel Databases (DAPD), Springer

Program committee member
at international conferences

- HEALTHINF 2022, 15th International Conference on Health Informatics, part of BIOSTEC, INSTICC, Vienna, Austria, February 2022
- SECURWARE 2021, 15th International Conference on Emerging Security Information, Systems and Technologies, IARIA, Athens, Greece, November 2021
- CIKM 2021, 30th International Conference on Information and Knowledge Management, ACM, Gold Coast, Queensland, Australia, November 2021
- SP2I 2021, International Workshop on Security and Privacy in Intelligent Infrastructures, held in conjunction with the 16th International Conference on Availability, Reliability and Security (ARES 2021), ACM, All-digital Conference, August 2021
- HEALTHINF 2021, 14th International Conference on Health Informatics, part of BIOSTEC, INSTICC, Online Streaming, February 2021
- CIKM 2020, 29th International Conference on Information and Knowledge Management, ACM, Galway, Ireland, October 2020
- HEALTHINF 2020, 13th International Conference on Health Informatics, part of BIOSTEC, INSTICC, Valletta, Malta, February 2020
- HEALTHINF 2019, 12th International Conference on Health Informatics, part of BIOSTEC, INSTICC, Prague, Czech Republic, February 2019
- TurkMIA 2018, 11th Annual Congress of Turkish Medical Informatics Association, Ankara, Turkey, November 2018

- CIKM 2018, 27th International Conference on Information and Knowledge Management, ACM, Turin, Italy, October 2018
- EMF & HEALTH 2018, 1st International Symposium “ELECTROMAGNETIC FIELDS (EMFs) and HEALTH”, Athens, Greece, September 2018
- HEALHINF 2018, 11th International Conference on Health Informatics, part of BIOSTEC, INSTICC, Funchal, Madeira-Portugal, January 2018
- CIKM 2017, 26th International Conference on Information and Knowledge Management, ACM, Singapore, November 2017
- SIGIR 2017, 40th International ACM SIGIR Conference on Research and Development in Information Retrieval, ACM, Tokyo, Japan, August 2017
- ARES 2013, 8th International Conference on Availability, Reliability and Security, IEEE, Regensburg, Germany, September 2013

Reviewer at international conferences

- INCOM 2021, 17th IFAC Symposium on Information Control Problems in Manufacturing, Elsevier, Budapest, Hungary, June 2021
- ARES 2020, 15th International Conference on Availability, Reliability and Security, ACM, Dublin, Ireland, August 2020
- AIME 2020, 18th International Conference on Artificial Intelligence in Medicine, Springer, Minneapolis, USA, August 2020
- IFAC 2020, 21st IFAC World Congress, Elsevier, Berlin, Germany, July 2020
- PCI 2019, 23rd Pan-Hellenic Conference on Informatics, ACM, Nicosia, Cyprus, November- November 2019
- CECC 2019, 3rd Central European Cybersecurity Conference, ACM, Munich, Germany, November 2019
- ARES 2019, 14th International Conference on Availability, Reliability and Security, ACM, Canterbury, United Kingdom, August 2019
- PCI 2018, 22nd Pan-Hellenic Conference on Informatics, ACM, Athens, Greece, November-December 2018
- ARES 2018, 13th International Conference on Availability, Reliability and Security, ACM, Hamburg, Germany, August 2018
- ESORICS 2017, 22nd European Symposium on Research in Computer Security, Springer, Oslo, Norway, September 2017
- SIGIR 2017, 40th International ACM SIGIR Conference on Research and Development in Information Retrieval, ACM, Tokyo, Japan, August 2017
- ARES 2017, 12th International Conference on Availability, Reliability and Security, ACM, Reggio Calabria, Italy, August 2017
- ESORICS 2016, 21st European Symposium on Research in Computer Security, Springer, Heraklion, Greece, September 2016
- ARES 2016, 11th International Conference on Availability, Reliability and Security, IEEE, Salzburg, Austria, September 2016
- PCI 2015, 19th Pan-Hellenic Conference on Informatics, ACM, Athens, Greece, October 2015
- ARES 2015, 10th International Conference on Availability, Reliability and Security, IEEE, Toulouse, France, August 2015
- SIGIR 2015, 38th International ACM SIGIR Conference on Research and Development in Information Retrieval, ACM, Santiago, Chile, August 2015
- ECIR 2015, 37th European Conference on Information Retrieval, Springer, Vienna, Austria, March 2015
- PCI 2014, 18th Pan-Hellenic Conference on Informatics, ACM, Athens, Greece, October 2014
- ARES 2014, 9th International Conference on Availability, Reliability and Security, IEEE,

Fribourg, Switzerland, September 2014

- ECIR 2014, 36th European Conference on Information Retrieval, Springer, Amsterdam, Netherland, April 2014
- ARES 2013, 8th International Conference on Availability, Reliability and Security, IEEE, Regensburg, Germany, September 2013
- MUE 2013, 7th International Conference on Multimedia and Ubiquitous Engineering, Springer, Seoul, Korea, May 2013
- ECIR 2013, 35th European Conference on Information Retrieval, Springer, Moscow, Russia, March 2013
- PCI 2012, 16th Pan-Hellenic Conference on Informatics, IEEE, Piraeus, Greece, October 2012
- PCI 2011, 15th Pan-Hellenic Conference on Informatics, IEEE, Kastoria, Greece, September 2011
- PCI 2010, 14th Pan-Hellenic Conference on Informatics, IEEE, Tripoli, Greece, September 2010

Invited Speaker

- G. Drosatos, "Federated Learning as a Tool for Gathering Knowledge from Multiple Data Sources", XIV Foresight Training Course - The health emergency: regulatory crash and future perspectives, Virtual event organised by Fondazione per la Ricerca Farmacologica Gianni Benzi onlus, Italy, 10 December 2021.
- G. Drosatos, "Together for a better internet", Safer Internet Day 2020, Technology Club of Thrace, Alexandroupoli, 15 February 2020.
- G. Drosatos, "Internet safety", ACADIMIA - Structure of Lifelong Learning, Region of Eastern Macedonia and Thrace, Komotini, 12 February 2020.
- G. Drosatos, "Surfing Responsibly", Researcher Night 2019, ATHENS Research Center, Xanthi Branch, 27 September 2019.
- G. Drosatos, "Current Blockchain Applications in eHealth and presentation of practical examples", CyberSecurity Day, IEEE Student Branch, EECE, DUTH, Xanthi, 23 May 2019.
- G. Drosatos, "Current Blockchain Applications in the Biomedical Domain and a Practical Example", Blockchain & Distributed Ledger Innovations for eHealth 2019 Symposium, Oslo, Norway, 09 April 2019.
- G. Drosatos, "Cardiovascular disease support based on personalized risk prediction", Supporting people with heart disease and the contribution of their carers, EPIONI - Hellenic Carers Network, Technopolis of Athens, 03 May 2018.

Participation in research projects

1. **Agro4+:** Participation as Researcher in Agro4+ project (Holistic Approach to Agriculture 4.0 for New Farmers) with funds from the Operational Programme "Competitiveness, Entrepreneurship and Innovation 2014-2020", Action "Reinforcement of the Research and Innovation Infrastructure", co-financed by Greece (NSRF) and the European Union (ERDF), grant no. MIS 5046239. Duration: 02/12/2020 – 31/05/2023. Hosted by ATHENA RC, Xanthi, Greece. Role: Assistant Researcher specializing in Blockchain Technology. Team Leader: Nestor Tsirliganis, Research Director. Webpage: <http://agro4plus.athenarc.gr>
2. **APOLLONIS:** Participation as Deputy Principal Investigator in the subproject 12 "Actions of the ATHENS Research Center - Xanthi" of the "APOLLONIS: National Infrastructure for Digital Humanities and Sciences and for Language Research and Innovation" with grant agreement no. MIS 5002738 of the Entrepreneurship and Entrepreneurship Program (EPAnEK). Duration: 01/11/2017 – 31/10/2021. Hosted by ATHENA RC. Team Leader: Nestor Tsirliganis, Research Director.

Webpage: <https://apollonis-infrastructure.gr>

3. **PROMOTE:** Participation as Associate Researcher in PROMOTE Project (Tools for Promoting Tourism Experience) with funds from the Greek Operational Program "Competitiveness, Entrepreneurship and Innovation 2014-2020", Single Action "RESEARCH-CREATE-INNOVATE" under grant agreement no. MIS 5030446. Duration: 01/01/2019 – 27/06/2021. Hosted by ATHENA RC, Greece. Team Leader: Pavlos S. Efraimidis, Associate Professor.
Webpage: <https://promote.web.auth.gr>
4. **Oncorecords:** Participation as Research Associate in Oncorecords Project (An Oncology-Oriented Medical Records Management System) with funds from the Greek Operational Program "Competitiveness, Entrepreneurship and Innovation 2014-2020", Single Action "RESEARCH-CREATE-INNOVATE" under grant agreement no. MIS 5030205. Duration: 01/04/2019 – 31/12/2019. Hosted by DATAVERSE Information Systems and Applications Ltd., Greece. Coordinator: Dr. Christos Papaterpos, CEO.
5. **AKSEID:** Participation as Postdoctoral Fellow in AKSEID Project (Assessment of News Reliability in Social Networks of Influence) with funds from the Greek Operational Program "Human Resources Development, Education and Lifelong Learning 2014-2020" under grant agreement no. MIS 5006337. Duration: 01/04/2018 – 30/06/2019. Hosted by the Department of Electrical and Computer Engineering, Democritus University of Thrace, Greece. Coordinator: Pavlos S. Efraimidis, Associate Professor.
6. **EROGamb:** Participation as Research Software Engineer in EROGamb Project (Empowering Responsible Online Gambling with Predictive, Real-time, Persuasive and Interactive Intervention) with funds from GambleAware (<https://about.gambleaware.org>) and Bournemouth University. Duration: 14/08/2017 – 15/12/2018. Hosted by ESOTICS group in the Department of Computing and Informatics, Bournemouth University, UK. Coordinator: Raian Ali, Associate Professor.
Webpage: <https://research.bournemouth.ac.uk/project/erogamb/>
7. **CARRE:** Participation as Associate Researcher and project manager in CARRE Project (Personalized patient empowerment and shared decision support for cardiorenal disease and comorbidities) with funds from the European Union's 7th Framework Programme under grant agreement no. 611140. Duration: 10/12/2014 – 31/10/2016. Hosted by the School of Medicine, Democritus University of Thrace, Greece. Coordinator: Eleni Kaldoudi, Associate Professor.
Final assessment: Excellent progress, encouraging the continuation of our research into future research projects.
Webpage: <https://www.carre-project.eu>
8. **ATLAS:** Participation as Postdoctoral Researcher in ATLAS Project (Advanced Tourism PLanning System), GSRT/CO-OPERATION/11SYN-10-1730 (CO-OPERATION 2011). Duration: 25/01/2013 – 09/12/2014. Hosted by "Athena" Research and Innovation Center, Greece. Team Leader: Pavlos S. Efraimidis, Associate Professor.
Webpage: <http://atlas.web.auth.gr>
9. **SPICE:** Participation as Postgraduate Researcher in SPICE Project (Space Internetworking Center) with funds from the European Union's 7th Framework Programme under grant agreement no. 264226. Duration: 01/10/2010 – 31/10/2011 and 03/04/2012 – 31/07/2012. Hosted by the Department of Electrical and Computer Engineering, Democritus University of Thrace, Greece. Coordinator: Vassilis Tsaoussidis, Professor.
Webpage: <http://www.spice-center.org>

Participation in the preparation of research proposals rated above the funding threshold

1. **Title of proposal:** REFLECTIONS: Personalized Digital Reflections for Early Risk Prediction and Sustainable Behaviour Change Interventions to Prevent and Manage Lifestyle Related Diseases, **Call:** Personalised early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies, Horizon 2020 call ID: SC1-DTH-02-2020, **Project coordinator:** Eleni Kaldoudi, **Team Leader of Athena RC:** George Drosatos, **Consortium:** Democritus University of Thrace (Greece), Kaunas

University of Technology (Lithuania), University of Helsinki (Finland), Athena Research Centre (Greece), VTT Technical Research Centre of Finland Ltd. (Finland), DHAI Management B.V. (Nederland), Dataverse Information Systems and Applications Ltd. (Greece), NEC Laboratories Europe GMBH (Germany), Polar Electro Oy (Finland), Vilnius University Hospital Santaros Klinikos (Lithuania), and European Lifestyle Medicine Organization (Switzerland), **Budget:** 5.798.110,00€, **Proposal number:** 101016795, **Date of submission:** 18/06/2020, **Rate:** 11.5 (funding threshold 12/15)

2. **Title of proposal:** PhubMit: An electronic application for studying the new epidemic of smart-phone induced ostracism, **Call:** "RESEARCH-CREATE-INNOVATE B' PHASE" of Operational Program "Competitiveness, Entrepreneurship and Innovation 2014-2020", call ID: MIS 2076, **Project coordinator:** George P. Chrousos, **Member of research team:** George Drosatos (ATHENA RC), **Consortium:** University Research Institute of Maternal and Child Health and Precision Medicine, "ATHENA" - Innovation Research Center in Communication and Knowledge Information Technologies / ILSP Xanthi, Aristotle University of Thessaloniki and MLS Multimedia S.A., **Budget:** 988.412,50€, **Proposal number:** T2EΔK-03082, **Date of submission:** 05/06/2019, **Rate:** 3.93 (funding threshold 3/5)
3. **Title of proposal:** Amphi-OSN: Bidirectional Influence of Businesses and Customers in the Tourism Industry through Social Media, **Call:** "RESEARCH-CREATE-INNOVATE B' PHASE" of Operational Program "Competitiveness, Entrepreneurship and Innovation 2014-2020", call ID: MIS 2076, **Project coordinator:** Pavlos S. Efraimidis, **Member of research team:** George Drosatos (ATHENA RC), **Consortium:** "ATHENA" - Innovation Research Center in Communication and Knowledge Information Technologies / ILSP Xanthi, Aristotle University of Thessaloniki and DOTSOFT INTEGRATED APPLICATIONS AND DATABASES S.A., **Budget:** 682.745€, **Proposal number:** T2EΔK-00352, **Date of submission:** 05/06/2019, **Rate:** 3.83 (funding threshold 3/5)
4. **Title of proposal:** OncoMesh: Personalized and Evidence Management of Oncology Patient, **Call:** "RESEARCH-CREATE-INNOVATE B' PHASE" of Operational Program "Competitiveness, Entrepreneurship and Innovation 2014-2020", call ID: MIS 2076, **Project coordinator:** Christos Papaterpos, **Member of research team:** George Drosatos (DUTH), **Consortium:** Dataverse Information Systems and Applications Ltd., Democritus University of Thrace and Bio Oncology Care E.E., **Budget:** 600.000€, **Proposal number:** T2EΔK-03010, **Date of submission:** 05/06/2019, **Rate:** 3.75 (funding threshold 3/5)
5. **Title of proposal:** DASH: Data Science for Health, **Call:** Marie Skłodowska-Curie Innovative Training Networks, Horizon 2020 call ID: MSCA-ITN-2019, **Project coordinator:** Eleni Kaldoudi, **Project manager:** George Drosatos, **Consortium:** Democritus University of Thrace (Greece), University of Bedfordshire (UK), Answare-Tech S.L. (Spain), Kaunas University of Technology (Lithuania), NEC Laboratories Europe GmbH (Germany), Ecole Polytechnique Federale de Lausanne (Switzerland), National University of Ireland, Galway (Ireland) and Servicio Madrileño de Salud (Spain), **Budget:** 3.607.315,20€, **Proposal number:** 858681, **Date of submission:** 15/01/2019, **Rate:** 79.8 (funding threshold 70/100)
6. **Title of proposal:** FoodCoach: Personal Food eCoach for Mediterranean Diet Customized to Cultural Diversity, **Call:** Cross-Border Cooperation in the Mediterranean (CBCMED) under the European Neighbourhood Instrument (ENI), ENI CBC Med 2014-2020 A.2.1, **Project coordinator:** Eleni Kaldoudi, **Project manager:** George Drosatos, **Consortium:** Democritus University of Thrace (Greece), Neapolis University Pafos (Cyprus), Federico II University of Naples (Italy), Business Engineering Srl (Italy), Palestine Polytechnic University (Palestine), Jordan University of Science and Technology (Jordan), New Gen SA (Tunisia) and Private Higher School of Engineering and Technologies (Tunisia), **Budget:** 2.577.119,01€, **Date of submission:** 24/01/2018, **Rate:** 32 (funding threshold 30)
7. **Title of proposal:** PROMOTE: Tools for Promoting Tourism Experience, **Call:** "RESEARCH-CREATE-INNOVATE" of Operational Program "Competitiveness, Entrepreneurship and Innovation 2014-2020", call ID: MIS 2076, **Project coordinator:**

Konstantinos Kotropoulos, **Member of research team:** George Drosatos (ATHENA RC), **Consortium:** Aristotle University of Thessaloniki, "ATHENA" - Innovation Research Center in Communication and Knowledge Information Technologies / ILSP Xanthi, DOTSOFT INTEGRATED APPLICATIONS AND DATABASES S.A., LINK TECHNOLOGIES S.A., 3PI INFORMATION SYSTEMS S.A. and MLS Multimedia S.A., **Budget:** 993.955€, **Proposal number:** T1EΔK-02474, **Date of submission:** 02/06/2017, **Rate:** 4.35/5 [RECEIVE FUNDING]

8. **Title of proposal:** Modeling, collecting and representing health content for points of interest using participatory sensing techniques, **Call:** Human Resources Development, Education and Lifelong Learning 2014-2020, Greek Operational Program EDBM34, **Host institution:** School of Medicine, Democritus University of Thrace, **Academic advisor:** Eleni Kaldoudi, **Members of research team:** George Drosatos, Spyridon Kavvadias and Stefanos Roumeliotis, **Budget:** 56.350€, **Proposal number:** MIS 5006247, **Date of submission:** 23/02/2017, **Rate:** 89.88/100 (alternate position)
9. **Title of proposal:** HealthyPlaces: Making Environments Work for People: Smart Technologies to Promote Healthy Lifestyles, **Call:** Self management of health and disease and decision support systems based on predictive computer modelling used by the patient him or herself, Horizon 2020 call ID: PHC-28-2015, **Project coordinator:** Eleni Kaldoudi, **Project manager:** George Drosatos, **Consortium:** Democritus University of Thrace (Greece), Open University (UK), IBM – Israel Science and Technology Ltd (Israel), The Institute of Cognitive Science and Technologies, CNR (Italy), European Food Information Council (Belgium), Lancaster University (UK), Answare Tech S.L. (Spain), Evalan BV (Netherlands), University College Cork (Ireland), Centre for Research in Environmental Epidemiology (Spain) and Graymatter Ltd (UK), **Budget:** 4.978.639,75€, **Proposal number:** 688944, **Date of submission:** 20/04/2015, **Rate:** 13 (funding threshold 12/15)

PUBLISHED SCIENTIFIC WORK

Impact of research work

Order in writing team	
Full-text publications after evaluation	55
1st author in	22 (40%)
2nd author in	21 (38%)
3rd author in	10 (18%)
other position in	2 (4%)
last author in	4 (7%)

Impact of published works based on citations (results on 10-01-2022)	
Total citations in Google Scholar	693
Total citations in Scopus	353
H-index according to Google Scholar	15
i10-index according to Google Scholar	16
H-index according to Scopus	10

Impact metrics of Journals/International Conferences in which the publications appeared

	Impact Factor	CiteScore	SJR	H-index
number of publications that have a value in that metric	16	36	38	38
average of metric	2.767	2.402	0.489	81.39
maximum of metric	5.442	8.0	1.957	356
minimum of metric	0.62	0.25	0.13	5
sum	44.278	86.46	18.590	3093

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- [J25] Ioannis Lykidis, George Drosatos and Konstantinos Rantos. The Use of Blockchain Technology in e-Government Services. *Computers*, 10(12), 168, MDPI, 2021 [ESCI, SJR: 0.404].
- [J24] Konstantinos Kaltakis, Panagiota Polyzi, George Drosatos and Konstantinos Rantos. Privacy-Preserving Solutions in Blockchain-Enabled Internet of Vehicles. *Applied Sciences*, MDPI, 2021 [IF: 2.679, SJR: 0.435].
- [J23] Charalampos Ntompras, George Drosatos and Eleni Kaldoudi. A High-Resolution Temporal and Geospatial Content Analysis of Twitter Posts Related to the COVID-19 Pandemic. *Journal of Computational Social Science*, Springer, 2021.
- [J22] Styliani Geronikolou, George Drosatos and George Chrousos. Emotional Analysis of Twitter Posts During the First Phase of the COVID-19 Pandemic in Greece: Infoveillance Study. *JMIR Formative Research*, 5(9), e27741, JMIR Publications, 2021 [PMID: 34469328].
- [J21] Giorgos Stamatelatos, George Drosatos, Sotirios Gyftopoulos, Helen Briola and Pavlos S. Efraimidis. Point-of-Interest Lists and their Potential in Recommendation Systems. *Information Technology & Tourism*, 23(1), Springer, 2021 [SJR: 0.731].
- [J20] Spyridon Kavvadias, George Drosatos and Eleni Kaldoudi. Supporting Topic Modeling and Trends Analysis in Biomedical Literature. *Journal of Biomedical Informatics*, Elsevier, 2020 [IF: 3.526, SJR: 1.14].
- [J19] Stamatia Pouliliou, Christos Nikolaidis and George Drosatos. Current Trends in Cancer Immunotherapy: A Literature-Mining Analysis. *Cancer Immunology, Immunotherapy*, Springer, 2020 [IF: 5.442, SJR: 2.085].
- [J18] Spyridon Kavvadias, George Drosatos and Eleni Kaldoudi. Supporting Topics Modeling and Trends Analysis in Biomedical Literature. *Journal of Biomedical Informatics*, Elsevier, 2019 (Under Review 07/02/2020) [IF: 2.95, SJR: 1.023].
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- [J16] George Drosatos, Emily Arden-Close, Elvira Bolat and Raian Ali. Gambling Data and Modalities of Interaction for Responsible Online Gambling: A Qualitative Study. *Journal of Gambling Issues*, CAMH, 2020 [ESCI, SJR: 0.431].
- [J15] Giorgos Stamatelatos, Sotirios Gyftopoulos, George Drosatos and Pavlos S. Efraimidis. Revealing the Political Affinity of Online Entities Through Their Twitter Followers. *Information Processing & Management*, 57(2), Article ID 102172, Elsevier, 2020 [IF: 3.892, SJR: 1.043].
- [J14] Konstantinos Rantos, George Drosatos, Antonios Kritsas, Christos Ilioudis, Alexandros Papanikolaou and Adam P. Filippidis. A Blockchain-based Platform for Consent Management of Personal Data Processing in the IoT Ecosystem.

Security and Communication Networks, vol. 2019, Article ID 1431578, John Wiley & Sons - Hindawi, 2019 [IF: 1.376].

- [J13] George Drosatos and Eleni Kaldoudi. A Probabilistic Semantic Analysis of eHealth Scientific Literature. *Journal of Telemedicine and Telecare*, 00(0), SAGE Publishing, 2019 [IF: 2.229].
- [J12] George Drosatos and Eleni Kaldoudi. Blockchain Applications in the Biomedical Domain: A Scoping Review. *Computational and Structural Biotechnology Journal*, 17, Elsevier, 2019 [IF: 4.72].
- [J11] George Drosatos, Fotis Nalbadis, Emily Arden-Close, Victoria Baines, Elvira Bolat, Laura Vuillier, Theodoros Kostoulas, Marcin Budka, Sonia Wasowska, Maris Bonello, Jamie Brown, Tessa Corner, John McAlaney, Keith Phalp and Raian Ali. Enabling Responsible Online Gambling by Real-time Persuasive Technologies. *Complex Systems Informatics and Modeling Quarterly (CSIMQ)*, no. 17, RTU Press, 2018.
- [J10] Athina-Styliani Kleinaki, Petros Mytis-Gkometh, George Drosatos, Pavlos S. Efraimidis and Eleni Kaldoudi. A Blockchain-based Notarization Service for Biomedical Knowledge Retrieval. *Computational and Structural Biotechnology Journal*, 16, Elsevier, 2018, [IF: 4.72].
- [J9] George Drosatos, Aimilia Tasidou and Pavlos S. Efraimidis. Privacy Enhanced Television Audience Measurements. *ACM Transactions on Internet Technology*, 17(1), ACM Journals, 2017, [IF: 2.382].
- [J8] Youbing Zhao, Farzad Parvinzamin, Stephen Wilson, Hui Wei, Zhikun Deng, Nick Portokallidis, Allan Third, George Drosatos, Enjie Liu, Feng Dong, Vaidotas Marozas, Arūnas Lukoševičius, Eleni Kaldoudi and Gordon Clapworthy. Integrated Visualisation of Wearable Sensor Data and Risk Models for Individualised Health Monitoring and Risk Assessment to Promote Patient Empowerment, *Journal of Visualization*, 20(2), Springer, 2017 [IF: 0.879].
- [J7] Pavlos Efraimidis, George Drosatos, Avi Arampatzis, Giorgos Stamatelatos and Ioannis Athanasiadis. A Privacy-by-Design Contextual Suggestion System for Tourism. *Journal of Sensor and Actuator Networks*, 5(2), 10, MDPI, 2016, [SJR: 0.32].
- [J6] Avi Arampatzis, George Drosatos and Pavlos S. Efraimidis. Versatile Query Scrambling for Private Web Search. *Information Retrieval*, 18(4), Springer, 2015, [IF: 2.535].
- [J5] George Drosatos and Pavlos S. Efraimidis. User-Centric Privacy-Preserving Statistical Analysis of Ubiquitous Health Monitoring Data. *Computer Science and Information Systems*, 11(2), ComSIS Consortium, 2014, [IF: 0.62].
- [J4] George Drosatos, Pavlos S. Efraimidis, Ioannis N. Athanasiadis, Matthias Stevens and Ellie D'Hondt. Privacy-Preserving Computation of Participatory Noise Maps in the Cloud. *Journal of Systems and Software*, Elsevier, 2014, [IF: 2.559].
- [J3] George Drosatos and Pavlos S. Efraimidis. An Efficient Privacy-Preserving Solution for Finding the Nearest Doctor. *Personal and Ubiquitous Computing*, 18(1), Springer, 2014, [IF: 1.735].
- [J2] Avi Arampatzis, Pavlos S. Efraimidis and George Drosatos. A Query Scrambler for Search Privacy on the Internet. *Information Retrieval*, 16(6), Springer, 2013, [IF: 2.535].
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- [C30] Christoforos Spartalidis, George Drosatos and Avi Arampatzis. Transfer Learning

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- for Automated Responses to the BDI Questionnaire. In proceedings of the Working Notes of CLEF 2021 - Conference and Labs of the Evaluation Forum, pages 1046-1058, Vol. 2936, CEUR, Bucharest, Romania, 21-24 September 2021.
- [C29] Nikolaos Zapoglou, Ioannis Patsakos, George Drosatos and Konstantinos Rantos. Privacy-Preserving Blockchain-Based Solutions in the Internet of Things. In proceedings of the EAI International Conference on Cognitive Computing and Cyber Physical Systems (IC4S), Springer, Cyberspace, 2-4 December 2020.
- [C28] George Drosatos, Konstantinos Rantos, Dimitris Karampatzakis, Thomas Lagkas and Panagiotis Sarigiannidis. Privacy-preserving solutions in the Industrial Internet of Things. In proceedings of the 16th International Conference on Distributed Computing in Sensor Systems (DCOSS), IEEE, Los Angeles, California, USA, 15-17 June 2020, [CORE Rank: B].
- [C27] Antonios Dimitriadis, George Drosatos and Pavlos S. Efraimidis. How much does a zero-permission Android app know about us?. In proceedings of the 3rd Central European Cybersecurity Conference (CECC 2019), pages 7:1-7:5, ACM, Munich, Germany, 14-15 Nov 2019.
- [C26] Helen Briola, George Drosatos, Giorgos Stamatelatos, Sotirios Gyftopoulos and Pavlos S. Efraimidis. Privacy Leakages about Political Beliefs through Analysis of Twitter Followers. In proceedings of the 22nd Pan-Hellenic Conference on Informatics (PCI 2018), pages 16-21, ACM, Athens, Greece, 29 Nov-1 Dec 2018.
- [C25] Konstantinos Rantos, George Drosatos, Konstantinos Demertzis, Christos Ilioudis, Alexandros Papanikolaou and Antonios Kritsas. ADvoCATE: A Consent Management Platform for Personal Data Processing in the IoT using Blockchain Technology. In proceedings of the 11th International Conference on Innovative Security Solutions for Information Technology and Communications (SecITC 2018), pages 300-313, LNCS Vol. 11359, Springer, Bucharest, Romania, 8-9 Nov 2018.
- [C24] Giorgos Stamatelatos, Sotirios Gyftopoulos, George Drosatos and Pavlos S. Efraimidis. Deriving the Political Affinity of Twitter Users from Their Followers. In proceedings of the 11th IEEE International Conference on Social computing and networking (SocialCom 2018), pages 1175-1182, IEEE, Melbourne, Australia, 11-13 Dec 2018.
- [C23] Konstantinos Rantos, George Drosatos, Konstantinos Demertzis, Christos Ilioudis and Alexandros Papanikolaou. Blockchain-based Consents Management for Personal Data Processing in the IoT Ecosystem. In proceedings of the 15th International Conference on Security and Cryptography (SECRYPT 2018), part of ICETE, pages 572-577, SCITEPRESS, Porto, Portugal, 26-28 July 2018, [CORE Rank: B].
- [C22] George Drosatos, Fotis Nalbadis, Emily Arden-Close, Victoria Baines, Elvira Bolat, Laura Vuillier, Theodoros Kostoulas, Sonia Wasowska, Maris Bonello, Jane Palles, John McAlaney, Keith Phalp and Raian Ali. Empowering Responsible Online Gambling by Real-time Persuasive Information Systems. In proceedings of the IEEE 12th International Conference on Research Challenges in Information Science (RCIS 2018), pages 1-11, IEEE, Nantes, France, 29-31 May 2018, [Acceptance rate: 29%, CORE Rank: B].
- [C21] Spyridon Kavvadias, George Drosatos and Eleni Kaldoudi. An Online Service for Topics and Trends Analysis in Medical Literature. In proceedings of the 25th World Congress on Medical Physics and Biomedical Engineering (IUPESM 2018), pages 481-485, IFMBE Vol. 68/3, Springer, Prague, Czech Republic, 3-8 June 2018.
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- [C19] Petros Mytis-Gkometh, George Drosatos, Pavlos S. Efraimidis and Eleni Kaldoudi. Notarization of Knowledge Retrieval from Biomedical Repositories using Blockchain Technology. In proceedings of the 3rd International Conference on Biomedical and Health Informatics (ICBHI 2017), pages 69-73, IFMBE Vol. 66, Springer, Thessaloniki, Greece, 18-21 Nov. 2017.
- [C18] Saulius Daukantas, Vaidotas Marozas, George Drosatos, Eleni Kaldoudi and Arunas Lukosevicius. General Data Format Security Extensions for Biomedical Signals. In proceedings of the European Medical and Biological Engineering Conference (EMBEC 2017), pages 731-734, IFMBE Vol. 65, Springer, Tampere, Finland, 11-15 June 2017.
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- [C16] Allan Third, George Gkotsis, Eleni Kaldoudi, George Drosatos, Nick Portokallidis, Stefanos Roumeliotis, Kalliopi Pafili and John Domingue. Integrating Medical Scientific Knowledge with the Semantically Quantified Self. In proceedings of the 15th International Semantic Web Conference (ISWC 2016), pages 566-580, LNCS Vol. 9981, Springer, Kobe, Japan, 17-21 October 2016, [Acceptance rate: $39/212 = 18.4\%$, CORE Rank: A].
- [C15] Nick Portokallidis, George Drosatos and Eleni Kaldoudi. Capturing Provenance, Evolution and Modification of Clinical Protocols via a Heterogeneous, Semantic Social Network. In proceedings of the Social Media & Participatory Health Conference (SMPH 2016), part of 13th International Congress in Nursing Informatics (NI 2016), pages 592-596, Stud Health Technol Inform Vol. 225, IOS Press, Geneva, Switzerland, 25-29 June 2016, [PMID: 27332270].
- [C14] Eleni Kaldoudi, George Drosatos, Nick Portokallidis and Allan Third. An Ontology based Scheme for Formal Care Plan Meta-Description. In proceedings of the 14th Mediterranean Conference on Medical and Biological Engineering and Computing (MEDICON 2016), pages 791-796, IFMBE Vol. 57, Springer, Paphos, Cyprus, 31 Mar.-2 Apr. 2016.
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- [C12] George Drosatos, Stefanos Roumeliotis, Avi Arampatzis and Eleni Kaldoudi. DUTH at TREC 2015 Clinical Decision Support Track. In proceedings of the 24th Text REtrieval Conference (TREC 2015), National Institute of Standards and Technology (NIST), Gaithersburg, Maryland, USA, 17-20 Nov. 2015, [CORE Rank: A].
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Efraimidis. DUTH at TREC 2013 Contextual Suggestion Track. In proceedings of the 22nd Text REtrieval Conference (TREC 2013), 2nd Group in Ranking, National Institute of Standards and Technology (NIST), Gaithersburg, Maryland, USA, 19-22 Nov. 2013, [CORE Rank: A].

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- [O10] George Drosatos, Olga Tsoumani and Styliani Geronikolou. PhubMit - A New Smart Intervention for Estimating and Mitigating the Cell Phone Induced Ostracism (Phubbing). In the book of abstracts of the 1st International Symposium "ELECTROMAGNETIC FIELDS (EMFs) and HEALTH", Athens, Greece, 14-15 September 2018. [ISBN: 978-618-84009-0-0]
- [O9] George Drosatos, Fotis Nalmpantis, Victoria Baines, Elvira Bolat, Laura Vuillier, Theodoros Kostoulas, Emily Arden-Close, John McAlaney, Keith Phalp and Raian Ali. A Conceptual Architecture for Empowering Responsible Online Gambling with Predictive, Real-time, Persuasive and Interactive Intervention. In Poster track of the 13th International Conference on Persuasive Technology (Persuasive 2018), Waterloo, Canada, 16-19 April 2018.
- [O8] Laurynas Rimsevicius, Domantas Stundys, Neringa Bileisiene, Marius Miglinas, Diana Sukackiene, Loreta Vaskeviciute, Stamatia Pouliou, Dimitrios Papazoglou, Konstantinos Zagkas, Stefanos Roumeliotis, George Drosatos, Ploumis Passadakis and Eleni Kaldoudi. Rationale of a Study for Patient Empowerment and Shared Decision Support for Cardiorenal Syndrome. In the book of abstracts of the XIII Baltic Nephrology Conference, Jurmala, Latvia, 13-15 October 2016.
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Contribution to scientific repositories

- Contribution to data modeling with ontologies in **BioPortal** (<http://bioportal.bioontology.org>, repository of biomedical ontologies):
 - Electronic Care Plan (ECP), <http://bioportal.bioontology.org/ontologies/ECP>
 - Medical Web Lifestyle Aggregator (MWLA), <http://bioportal.bioontology.org/ontologies/MWLA>
 - CARRE Risk Factor ontology, <http://bioportal.bioontology.org/ontologies/CARRE>

PERSONAL SKILLS

Communication skills

Good communication skills gained through my experience as: (1) associated educational personnel (SEP) postgraduate university courses (distance learning) (2 courses, 2 academic year), (2) guest lecturer in postgraduate courses (2 courses, 3 academic year, 3 and 2 lectures of 3 hours), (3) undergraduate course lecturer (10 courses, 4 academic years), (4) teaching assistant in undergraduate university courses in Department of Electrical and Computer Engineering, Democritus University of Thrace (16 courses, 1605 hours), (5) speaker in international scientific conferences (~20 speeches), and (6) participation in the consortiums of European complete research projects and in responsible position (such as Project Manager and Technical Coordinator in the consortium of FP7-ICT CARRE project).

Organizational / managerial skills

Excellent organizational and managerial skills gained through my experience as project manager in European research project CARRE (FP7-ICT-611140) and other activities within research projects (participation in 9 projects).

- Job-related skills**
- Interdisciplinary background in various areas (Electrical Engineering, Computer Science, Health Sciences and Mental Health)
 - Ability to coordinate, communicate and organize large working groups
 - Ability to understand difficult problems without the necessary assistance
 - Ability to use any electromechanical systems and electronic devices

OTHER INFORMATION

Military obligations Status: Fulfilled
Period: 20/01/2014 – 20/10/2014
Specialty: Analyst Programmer – Special Scientist
Unit: 473 TEPP – D Army Corps
Degree: Lance Corporal (Honorable)