

PERSONAL INFORMATION	
SURNAME	TZALLAS
NAME	ALEXANDROS
DATE OF BIRTH	16/05/1977
PLACE OF RESIDENCE	ARTA
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CURRENT POSITION(S)

- 02.2019 - today** **Assistant Professor (Biomedical Engineering)**, School of Informatics & Telecommunications, Department of Informatics & Telecommunications, University of Ioannina, Greece
- 04.2017 - today** **Academic Research Partner**, Center for Research & Technology Hellas, Information Technologies Institute, Greece

PREVIOUS POSITION(S)

- 10.2018 - 01.2019** **Lecturer**, School of Informatics & Telecommunications, Department of Informatics & Telecommunications, University of Ioannina, Greece
- 03.2014 - 09.2018** **Lecturer**, School of Applied Technology, Department of Computer Engineering, Technological Educational Institute of Epirus, Greece
- 10.2011 - 02.2014** **Adjunct Lecturer**, School of Business and Finance, Department of Business Administrator, Technological Educational Institute of Western Macedonia, Greece
- 11.2011 - 05.2013** **Postdoctoral Research Fellow**, Foundation for Research and Technology Hellas (FORTH) – BRI
- 02.2012 - 07.2013** **Adjunct Assistant Professor**, School of Engineering, Department of Informatics and Computer Technology, Technological Educational Institute of Western Macedonia, Greece
- 10.2008 - 06.2013** **Adjunct Assistant Professor**
School of Applied Technology, Department of Computer Engineering, Technological Educational Institute of Epirus, Greece
- 10.2008 - 06.2013** **Research Fellow**, Medical School, Nursing-Pathology Master's Program, University of Ioannina, Greece
- 10.2008 - 06.2011** **Adjunct Assistant Professor**, School of Health and Welfare Professions, Department of Nursing, Technological Educational Institute of Epirus, Greece
- 10.2010 - 02.2011** **Adjunct Lecturer**, School of Business Administration, Department of Cultural Heritage Management and New Technologies, University of Patras, Greece
- 10.2009 - 02.2010** **Adjunct Lecturer**, Faculty of Engineering/ Engineering Informatics and Telecommunications, University of Western Macedonia, Greece
- 02.2008 - 12.2015** **Postdoctoral Research Fellow**, School of Health Sciences, Faculty of Medicine, University of Ioannina, Greece
- 06.2002 - 01.2008** **Research Fellow**, School of Health Sciences, Faculty of Medicine, University of Ioannina, Greece

EDUCATION

- 06.2002 - 03.2009** School of Health Sciences, Faculty of Medicine, University of Ioannina, Greece, Thesis Title: Automated Diagnosis of Electroencephalogram (EEG), PhD
- 09.1996 - 04.2001** School of Sciences, Department of Physics, University of Ioannina, Greece, BSc

PUBLICATIONS

- Number of Publications in peer-reviewed International Journals: **50**
- Number of Chapters in Books: **6**
- Number of Publications in peer-reviewed International & National Conferences: **90**
- Number of Books: **2**
- Number of Granted Patents: **2**

Citations

- 1700 references (source: Scopus), **h-index = 19**.
- 2701 references (source: Google Scholar), **h-index = 23**, i10-index = 42.

LIST OF LEADING INTERNATIONAL PEER-REVIEWED JOURNALS

- High-Throughput, Machine Learning–Based Quantification of Steatosis, Inflammation, Ballooning, and Fibrosis in Biopsies From Patients With Nonalcoholic Fatty Liver Disease, R. Forlano, B. H. Mullish, N. Giannakeas, J.B. Maurice, N. Angkathunyakul, J. Lloyd, **A. T. Tzallas**, M. Tsipouras, M. Yee, M.R. Thursz, R.D. Goldin and P. Manousou, *Clinical Gastroenterology and Hypatology*, Volume: 19(31505-8), Pages: S1542-3565, (in press), <https://doi.org/10.1016/j.cgh.2019.12.025>.
- Quantification of Liver Fibrosis—A Comparative Study, A. Arjmand, M.G. Tsipouras, **A.T. Tzallas**, R. Forlano, P. Manousou and N. Giannakeas, *Applied Sciences*, Volume: 10(2), Page: 447, 2020, <https://doi.org/10.3390/app10020447>.
- A novel classification via clustering algorithm for fibrosis assessment in liver biopsies, D.C. Tsouros, P.N. Smyrlis, M.G. Tsipouras, D.G. Tsalikakis, N. Giannakeas, **A.T. Tzallas** and P. Manousou, *Health and Technology*, Volume: 10, Paged: 777-785, 2020, <https://doi.org/10.1007/s12553-019-00405-5>.
- Training of Deep Convolutional Neural Networks to Identify Critical Liver Alterations in Histopathology Image Samples, A. Arjmand, C.T. Angelis, V. Christou, **A.T. Tzallas**, M.G. Tsipouras, E. Glavas, R. Forlano, P. Manousou, N. Giannakeas, *Applied Sciences*, Volume: 10(1), Page: 42, 2020, <https://doi.org/10.3390/app10010042>.
- Utilization of the Allen Gene Expression Atlas to gain further insight into glucocorticoid physiology in the adult mouse brain, K. Kalafatakis, N. Giannakeas, S. Lightman, I. Charalampopoulos, G. Russell, M. Tsipouras and **A. Tzallas**, *Neuroscience Letters*, Volume: 706, Pages: 194-200, 2019, <https://doi.org/10.1016/j.neulet.2019.05.020>.
- Sex hormone levels in drug-naïve, first-episode patients with psychosis, P. Petrikis, S. Tigas, **A.T. Tzallas**, A. Karampas, I. Papadopoulos, *International Journal of Psychiatry in Clinical Practice*, Volume: 24 (1), Pages: 20-24, 2019, <https://doi.org/10.1080/13651501.2019.1699117>.
- Hybrid extreme learning machine approach for heterogeneous neural networks, V. Christou, G. Brown, M.G. Tsipouras, N. Giannakeas and **A.T. Tzallas**, *Neurocomputing*, Volume: 361, Pages: 137-150, 2019, <https://doi.org/10.1016/j.neucom.2019.04.092>.
- EEG Window Length Evaluation for the Detection of Alzheimer's Disease over Different Brain Regions, K.D. Tzimourta, N. Giannakeas, **A.T. Tzallas**, L.G. Astrakas, T. Afrantou, P. Ioannidis, N. Grigoriadis, P. Angelidis, D.G. Tsalikakis and M.G. Tsipouras, *Brain Sciences*, Volume: 9(\$), Page: 81, 2019, <https://doi.org/10.3390/brainsci9040081>.
- Analysis of electroencephalographic signals complexity regarding Alzheimer's Disease, K.D. Tzimourta, T. Afrantou, P. Ioannidis, M. Karatzikou, **A. Tzallas**, N. Giannakeas, L. Astrakas, P. Angelidis, E. Glavas, N. Grigoriadis, D. Tsalikakis and M.G. Tsipouras, *Computers and Electrical Engineering Journal*, Volume: 76, Pages: 198-212, 2019, <https://doi.org/10.1016/j.compeleceng.2019.03.018>.
- A robust methodology for classification of epileptic seizures in EEG signals, K.D. Tzimourta, **A.T. Tzallas**, N. Giannakeas, L.G. Astrakas, D.G. Tsalikakis, P. Angelidis and M.G. Tsipouras, *Health and Technology*, Volume: 9, Pages: 135-142, 2018, <https://doi.org/10.1007/s12553-018-0265-z>.
- Hybrid Extreme Learning Machine Approach for Homogeneous Neural Networks, V. Christou, M.G. Tsipouras, N. Giannakeas and **A.T. Tzallas**, *Neurocomputing*, Volume: 311, Pages: 397-412, 2018, <https://doi.org/10.1016/j.neucom.2018.05.064>.
- PERFORM: A System for Monitoring, Assessment and Management of Patients with Parkinson's Disease, **A.T. Tzallas**, M.G. Tsipouras, G. Rigas, D.G. Tsalikakis, E.C. Karvounis, M. Chondrogiorgi, F. Psomadellis, J. Cancela, M. Pastorino, M.T. Arredondo-Waldmeyer, S. Konitsiotis and D.I. Fotiadis, *Sensors*, Volume: 14(11), Pages: 21329-21357, 2014, <https://doi.org/10.3390/s141121329>.
- Wearability assessment of a wearable system for Parkinson's disease remote monitoring based on a body area network of sensors, J. Cancela, M. Pastorino, **A.T. Tzallas**, M.G. Tsipouras, G. Rigas, M.T. Arredondo and D.I. Fotiadis, *Sensors*, Volume: 14(9), Pages: 17235-17255, 2014, <https://doi.org/10.3390/s140917235>.
- Automatic Detection of Freezing of Gait events in Patients with Parkinson's Disease, E.E. Tripoliti, **A.T. Tzallas**, M.G. Tsipouras, G. Rigas, P. Bougia, M. Leontiou, S. Konitsiotis, S. Tsouli and D.I. Fotiadis, *Computer Methods and Programs in Biomedicine*, Volume: 110(1), Pages: 12-26, 2013, <https://doi.org/10.1016/j.cmpb.2012.10.016>.
- An Automated Methodology for Levodopa-Induced Dyskinesia Assessment based on Gyroscope and Accelerometer Signals, M.G. Tsipouras, **A.T. Tzallas**, G. Rigas, D.I. Fotiadis and S. Konitsiotis, *Artificial Intelligence in Medicine*, Volume: 55(2), Pages: 127-135, 2012, <https://doi.org/10.1016/j.artmed.2012.03.003>.
- Assessment of Tremor Activity in the Parkinson's disease using a Set of Wearable Sensors, G. Rigas, M.G. Tsipouras, P. Bougia, **A.T. Tzallas**, E.E. Tripoliti, D. Baga, D.I. Fotiadis, S.G. Tsouli and S. Konitsiotis, *IEEE Information Technology in Biomedicine*, Volume: 16(3), Pages: 478- 487, 2012, <https://doi.org/10.1109/TITB.2011.2182616>.
- Epileptic Seizure Detection in Electroencephalograms using Time-Frequency Analysis, **A.T. Tzallas**, M.G. Tsipouras and D.I. Fotiadis, *IEEE Transactions on Information Technology in Biomedicine*, Volume: 13(5), Pages: 703-710, 2009, <https://doi.org/10.1109/TITB.2009.2017939>.
- Automatic seizure detection based on time-frequency analysis and artificial neural networks, **A.T. Tzallas**, M.G. Tsipouras, D.I. Fotiadis, *Computational Intelligence and Neuroscience*, Volume 2007, Article ID 80510, Pages 13, 2007, <https://doi.org/10.1155/2007/80510>.
- A method for classification of transient events in EEG recordings: application to epilepsy diagnosis. **A.T. Tzallas**, P.S. Karvelis, C.D. Katsis, D.I. Fotiadis, S. Giannopoulos, S. Konitsiotis. *Methods Inf Med*, Volume: 45(6), Pages: 610-21. 2006, <https://doi.org/10.1055/s-0038-1634122>.

CONFERENCES/WORKSHOPS/etc.

LIST OF LEADING PEER-REVIEWED CONFERENCES PROCEEDINGS

- 19th IEEE International Conference on Bioinformatics and Bioengineering, Automated Assessment of Pain Intensity Based on EEG Signal Analysis, 28-30 Oct. 2019, Athens, Greece.
- 42nd International Conference on Telecommunications and Signal Processing, Deep learning in liver biopsies using convolutional neural networks, 5-6 July 2019, Budapest, Hungary.
- The international workshop of e-Health Pervasive Wireless Applications and Services, Assessing the Frailty of Older People using Bluetooth Beacons Data, 15 Oct. 2018, Limassol, Cyprus.
- 30th annual IEEE International Conference on Tools with Artificial Intelligence, Random forests with stochastic induction of decision trees, 5-7 Nov. 2018, Volos, Greece.
- 17th International Conference on Bioinformatics and Bioengineering, Protein Structure Recognition by Means of Sequential Pattern Mining, 23-25 Oct. 2017, Washington DC, USA.
- 17th International Conference on Bioinformatics and Bioengineering, Image Enhancement of Routine Biopsies: A Case for Liver Tissue Detection, 23-25 Oct. 2017, Washington DC, USA.
- 30th IEEE International Symposium on Computer-Based Medical Systems, Automated collagen proportional area extraction in liver biopsy images using a novel classification via clustering algorithm, 22-24 June 2017, Thessaloniki, Greece.
- 30th IEEE International Symposium on Computer-Based Medical Systems, EEG Classification and Short-Term Epilepsy Prognosis using Brain Computer Interface Software, 22-24 June 2017, Thessaloniki, Greece.
- 30th IEEE International Symposium on Computer-Based Medical Systems, Measuring Steatosis in Liver Biopsies using Machine Learning and Morphological Imaging, 22-24 June 2017, Thessaloniki, Greece.
- 30th IEEE International Symposium on Computer-Based Medical Systems, Wavelet based classification of epileptic seizures in EEG signals, 22-24 June 2017, Thessaloniki, Greece.
- •24th Telecommunications Forum, Classification of EEG signals using feature creation produced by grammatical evolution, 22-23 Nov. 2016, Belgrade, Serbia.
- 18th IEEE Conference on Business Informatics, Automated hepatic steatosis assessment through liver biopsy image processing, 29 Aug. - 1 Sep. 2016, Paris, France.
- 37th IEEE EMBS Annual International Conference, A clustering-based method for collagen proportional area extraction in liver biopsy images, 25-29 Aug. 2015, Milano, Italy.
- 35th IEEE EMBS Annual International Conference, Adverse Event Prediction in Patients with Left Ventricular Assist Devices, 3-7 Jul. 2013, Osaka, Japan.
- 34th IEEE EMBS Annual International Conference, Automated knowledge-based fuzzy models generation for weaning of patients receiving Ventricular Assist Device therapy, 28 Aug. - 1 Sep. 2012, San Diego, USA.
- 33rd IEEE EMBS Annual International Conference, On Automated Assessment of Levodopa-Induced Dyskinesia in Parkinson's Disease, 30 Aug. - 3 Sep. 2011, Boston, USA.
- 10th International IEEE EMBS Conference on Information Technology Applications in Biomedicine, A Decision Support Tool for Optimal Levodopa Administration in Parkinson's Disease, 2-5 Nov. 2010, Corfu, Greece.
- International ICST Conference on Wireless Mobile Communication and Healthcare, On assessing motor disorders in Parkinson's disease, 18-20 Oct. 2010, Agia Napa, Cyprus.
- 32nd IEEE EMBS Annual International Conference, Automated Levodopa-Induced Dyskinesia Assessment, 31 Aug. - 4 Sep. 2010, Buenos Aires, Argentina.
- The XII Mediterranean Conference on Medical and Biological Engineering and Computing, An Automated Method for Levodopa-Induced Dyskinesia Detection and Severity Classification, 27-30 May 2010, Chalkidiki, Greece.

TEACHING ACTIVITIES

02.2019 - today	Assistant Professor - <u>Biomedical Engineering, Bioinformatics, Programing I & II, Digital Signal Processing, Medical Informatics (Postgraduate Course), Advanced Digital Signal Methods (Postgraduate Course)</u> , School of Informatics & Telecommunications, Department of Informatics & Telecommunications, University of Ioannina, Greece
10.2018 - 01.2019	Lecturer - <u>Biomedical Engineering, Bioinformatics, Programing I & II, Digital Signal Processing, Medical Informatics (Postgraduate Course)</u> , School of Informatics & Telecommunications, Department of Informatics & Telecommunications, University of Ioannina, Greece
03.2014 - 09.2018	Lecturer - <u>Biomedical Engineering, Bioinformatics, Programing I & II, Digital Signal Processing, Medical Informatics, Analog electronics, Theory of Computing</u> , School of Applied Technology, Department of Computer Engineering, Technological Educational Institute of Epirus, Greece
10.2011 - 02.2014	Adjunct Lecturer – <u>Introduction to Computer Science, Research Methodology</u> , School of Business and Finance, Department of Business Administrator, Technological Educational Institute of Western Macedonia, Greece
02.2012 - 07.2013	Adjunct Assistant Professor - <u>Digital Signal Processing</u> School of Engineering, Department. of Informatics and Computer Technology, Technological Educational Institute of Western Macedonia, Greece

- 10.2008 - 06.2013 **Adjunct Assistant Professor** - Digital Signal Processing in Real-Time Systems, Analog electronics, Digital Electronics, Programming I
School of Applied Technology, Department of Computer Engineering, Technological Educational Institute of Epirus, Greece
- 10.2008 - 06.2013 **Research Fellow** - Healthcare Information Systems (Postgraduate Course), Endoscopy Imaging (Postgraduate Course), Medical School, Nursing-Pathology Master's Program, University of Ioannina, Greece
- 10.2008 - 06.2011 **Adjunct Assistant Professor** - Biomedical Engineering, Medical Informatics, School of Health and Welfare Professions, Department of Nursing, Technological Educational Institute of Epirus, Greece
- 10.2010 - 02.2011 **Adjunct Lecturer** - Digital Content Processing I, School of Business Administration, Department of Cultural Heritage Management and New Technologies, University of Patras, Greece
- 10.2009 - 02.2010 **Adjunct Lecturer**- Optical Communications Systems & Networks, Faculty of Engineering/ Engineering Informatics and Telecommunications, University of Western Macedonia, Greece

MEMBERSHIPS & REVIEWING ACTIVITIES

- 2019 - today Associate Editor for BioMedical Engineering Online Journal (Springer Nature)
- 2019 - today Advisory Board Member of Sci, an Open Access Journal by MDPI
- 2019 -2020 Guest Editor of Special Issue "Human-Robot Interaction Applications in Internet of Things (IoT) Era", Sensors, an Open Access Journal by MDPI
- 2019 - 2020 Reviewer/Evaluator and member of Thematic Committee of Materials-Constructions of the national action "RESEARCH CREATE-INNOVATE" (ΕΡΕΥΝΩ-ΔΗΜΙΟΥΡΓΩ-ΚΑΙΝΟΤΟΜΩ)
- 2019 Reviewer/Evaluator of the EDBM (ΕΔΒΜ) research national proposals: "Supporting researchers with an emphasis on young researchers"
- 2018 - 2019 Guest Editor of Special Issue "Frontiers in Wearable Devices", Inventions, an Open Access Journal by MDPI
- 2017 Evaluator and member of the Thematic Committee of the Engineering and Technological Sciences for the evaluation of the proposals of the PhD Candidates of the Hellenic Foundation for Research and Innovation (ELIDEK)
- 2017 - today Section Board Member of Invention, an Open Access Journal by MDPI
- 2016 - today Editorial Board, Engineering, Technology & Applied Science Research (ETASR)
- 2016 External Reviewer of PhD Thesis, Universidad Politécnica de Madrid, Spain
- 2015 Reviewer in European Programs, Joint Call "ERA.Net RUS Plus for S&T Projects", <http://www.eranet-rus.eu/en/196.php>
- 2004 - today Reviewer in more than 100 scientific journal papers (IEEE Transactions on Biomedical Engineering, Biomedical Signal Processing & Control, Computer Methods & Programs in Biomedicine, Computers in Biology & Medicine, Sensors, Inventions, etc.)
- 2004 - today Reviewer in more than 10 scientific conference papers (IEEE EMBS, IEEE ITAB, IEEE BIBE, IEEE NER, EMBEC, IEEE BHI, Pervasive Technologies Related to Assistive Environments (PETRA), etc.).

SUPERVISION OF GRADUATE STUDENTS & POSTDOCTORAL FELLOWS

- 2008 – today Supervision of 50 (3 on going) undergraduate theses/4 Master theses (3 on going)/ 3 PhD Theses (3 on going)/ 2 Postdoc theses (1 on going)
- Technological Educational Institute of Epirus, School of Engineering, Department. of Informatics and Computer Technology Greece
 - University of Ioannina, School of Informatics and Telecommunications, Department of Informatics and Telecommunications, Greece
 - University of Ioannina, School of Health Sciences, Faculty of Medicine, University of Ioannina, Greece

FELLOWSHIPS & AWARDS

- 2017** 1st Student Best Paper Award in 30th IEEE International Symposium on Computer-Based Medical Systems (CBMS)
- 2016** Principal Investigator of IKY Fellowships of Excellence for postgraduate studies in Greece – (Dr. Nikolaos Giannakeas) SIEMENS Program (Contract No. 2017-017-0173-11220).
- 2015** Honour from the Greek Ministry of Education and promotion through the action Academic and Research Excellence in Higher Education: Promotion and Support of my research activity entitled "Home monitoring systems for patients with neurodegenerative diseases"
<http://excellence.minedu.gov.gr/en/listing/484-tzallas>
- 2013** Member of the AEON Health Team, which won two prizes of "the Most Innovative Solution" and the prize of "the Best Use of Resource" at the Health and Wellness Innovation 2013 competition.
<http://newmed.media.mit.edu/health-and-wellness-innovation-2013>
- 2011** Member of the PERFORM project, which selected for the exhibition of the Innovation Convention 2011. PERFORM project has been one of the 50 projects selected (among 450 applications received) in order to be present in the Convention 2011. http://ec.europa.eu/research/innovation-union/ic2011/index_en.cfm?pg=project_details&project=perform
- 2011** Honour from the Hellenic Federation of Enterprises (SEV)/ EUROBANK EFG for the project PERFORM (PERFORM- a Wearable System for Remote Monitoring and management of Parkinson's disease) at the competition "Greece Innovates."
http://issuu.com/kainotomeis.gr/docs/kainotomeis_2011/1?e=4802680/3387527
- 2010** pHealth Innovation Award 2010 for the best paper in the 7th International Conference on Wearable Micro and Nano Technologies for Personalized Health: PERFORM-A Wearable System for Remote Monitoring and management of Parkinson's disease, by P. Bougia, M. Tsiouras, A. Tzallas, D. Fotiadis, S. Konitsiotis, D. Chaloglou and T. Mitsana.
- 2003** PhD Scholarship, Foundation for Research and Technology-Hellas (FORTH), Biomedical Research Institute (BRI), Greece

RESEARCH GRANTS

Project Title	Funding source	Period	Role of the PI
ISOMETRIC: Intelligent System of Outpatient Monitoring Evaluation during Kinetic Rehabilitation in Internet Cloud	NSRF 2014-2020	01.2019 – 03.2021	Academic Research Partner
SMARTGLOVE: Smart Glove for Assessment of the Motor Condition of Patients with Neurodegenerative Diseases	NSRF 2014-2020	09.2018 – 09.2021	Principal Investigator
HUMORIST: Hospital care monitoring system using wireless sensor networks	NSRF 2014-2020	09.2018- 09.2021	Principal Investigator
X-BALLOON: Automated system for ballooning degeneration measurement in Liver biopsies	NSRF 2014-2020	09.2018 – 03.2021	Principal Investigator
ARTA SMART CITY: Implementation of a strategic and business plan of the Municipality of Arta for the Smart City	MUNICIPALITY OF ARTA	09.2018 – 12.2019	Principal Investigator
MELITY: Development of Methodologies and Integrated Security Solutions for IoT technologies in e-Health services	NSRF 2014-2020	08.2018- 07.2021	Principal Investigator
IOANNINA SMART CITY: Services of external expert for the implementation of a strategic and business plan of the Municipality of Ioannina for the Smart City	MUNICIPALITY OF IOANNINA	01.2018- 05.2019	Principal Investigator
CAREGIVERSPRO: Self-management interventions and mutual assistance community services, helping patients with dementia and caregivers connect with others for evaluation, support and inspiration to improve the care experience	H2020	04.2017 - 12.2018	Academic Research Partner

Dr Alexandros T. Tzallas | Curriculum Vitae

PD MANAGER: mhealth platform for Parkinson's disease management	H2020	03.2015 – 12.2015	Postdoctoral Research Fellow
MEDIGENE: Genetic and environmental factors of insulin resistance syndrome and its long-term complications in immigrant Mediterranean populations	FP7 ICT-2007	03.2013 - 08.2014	Postdoctoral Research Fellow
Collagen Morphometric Analysis in Liver Biopsies of HCV Patients	NSFR 2007-2013	09.2013 - 03.2014	Postdoctoral Research Fellow
SENSORART: A remote controlled Sensorized Artificial Heart enabling Patient's Empowerment	FP7 ICT-2007	11.2011 - 05.2013	Postdoctoral Research Fellow
HERCULES: Medical Genetics and Biomedical Information Infrastructure Development in Early Diagnosis, monitoring and treatment of pediatric neurological disorders	NSFR 2007-2013	10.2010 - 12.2010	Postdoctoral Research Fellow
PERFORM: A sophisticated multi-parametric system for the continuous-effective assessment and monitoring of motor status in Parkinson's disease	FP7 ICT-2007	2.2008 - 07.2011	Postdoctoral Research Fellow
OPEN SOURCE: Application and operation of electronic government services to citizens, using ERP-CDM applications	INFORMATION SOCIETY S.A.	06.2007 – 09.2007	Research Fellow
Technical Support and Design of Metropolitan Fiber Network in the Region of Western Macedonia	UNIVERSITY OF WESTERN MACEDONIA	09.2006 – 04.2007	Research Fellow
ANGIOCARE: An automated system for fast three-dimensional coronary reconstruction by Integrated Angiographic and Intracoronary Ultrasound Data	MICHAELIDES CENTER	01.2005 – 12.2005	Research Fellow
CARDITS: Blood flow modeling	MICHAELIDES CENTER	01.2004 – 12.2004	Research Fellow
INFACE: Advanced Visual InterFACES for timely Retrieval of patient related information	FP5 IST-2001	06.2003 - 12.2003	Research Fellow
CITATION: Citizen Information Tool in smart Administrations	FP5 IST-2000	01.2003 - 05.2003	Research Fellow
EPICUROS: A virtual learning environment for medical doctors	LEONARDO (2001-2003)	01.2002 - 10.2002	Research Fellow
Childcare: Intelligent Collaborative Environment for out-of-hospital children healthcare	FP5 IST-2001	01.2002 – 12.2002	Research Fellow

GRANT APPLICATIONS

Project Title	Funding source	Submission date	Role of the PI
DEEP– in - BIOPSIES: Intelligent Platform for Supporting Diagnosis/ Staging in Biopsies using Deep Learning (project code: T2EDK-03660)	NSRF 2014-2020 (Research - Create – Innovate)	15.11.2019	Principal Investigator
e-NEUROSCHOOL: e-school for Neurosciences	Hellenic Foundation for Research and Innovation (H.F.R.I.)	13.01.2020	Principal Investigator