

CURRICULUM VITAE

LAST NAME	Manios
FIRST NAME	Michail
FATHER'S NAME	Nikolaos
DATE OF BIRTH	21/07/1968
ADDRESS	Antifilippoi - Kavala
PHONE NUMBER	6944 840425 & 25920 43158
E-MAIL ADDRESS	m.manios@cs.ihu.gr & mannios@yahoo.gr
MARITAL STATUS	Married
NUMBER OF CHILDREN	2

studies

2007-2009	Master of Science (M.Sc) in subject of MECHATRONIC Western Macedonia's Technological Educational Institute
1995	Graduate Electronic Engineer -Thessaloniki's Technological Educational Institute

Certifications – Licenses:

2006	Exceptional member of the GSCS
2003	Radio Amateur Degree
2002	Radioelectologist (class B) - license to exercise a profession
2002	Certified Trainer (NACCTSS)
1992	Graduate of Technical Telecommunications School (Greek Army)

languages:

2006	English / B2 Level Greek (mother tongue)
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_seminars:

2006-2007	Trainers training for NACCTSS
2001	Visual Basic
2000	Computer use (Microsoft Windows, Word, Excel, Access, Blind System, and Internet Explorer) Novell and Unix operating systems Internet technologies

Professional experience:

1995-2001	Guardian Security <ul style="list-style-type: none">• Security Systems Installation and Programming• Radio links (links to SKAI - TV)
1990-1992	Technician at JVC NIVICO-PANASONIC company (Cassandrou Branch)

teaching experience:

2001-2011	Exceptional teacher at TEI of Kavala
2002-2003	Teacher in the apprenticeship High School of Drama
2001-2002	Extraordinary Professor at 1st High School of Xanthi
2000-2002	Lecturer at Vocational Training Institute PYTHAGORAS (Thessaloniki)
1996-2002	Hourly trainer at High School. PYTHAGORAS (Thessaloniki)
1993-1994	Hourly Lecturer at Vocational Training Institute (Thessaloniki)

professional situation:

2003-today	Laboratory Teaching Staff at Department of Computing Sciences, Department of International Hellenic University of Greece
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research:

2021-2023	PROJECT: AGRICULTURE TECHNOLOGY OF VINEYARDS (TEGEA) NSRF-REGIONAL EXCELLENCE (ERDF) NSRF 2014-2020, BUSINESS PROGRAM COMPETITIVENESS ENTREPRENEURSHIP INNOVATION (EPANEK) START - END DATES: 20/11/2020 - 19/05/2023 Coordinator & Scientific Officer: Professor Vasilios Kabourlazos
2021-2023	PROJECT : GREEK BULGARIAN BUSINESS PARTNERSHIP BY ASSISTANCE, SERVICES, SOLUTIONS TO PROMOTE OPEN REGIONS TEAM (GR BG BUSINESS PASSPORT) INTERREG V-A NSRF 2014-2020, TERRITORIAL COOPERATION PROGRAMS, INTERREG V-A, GREECE-BULGARIA 2014-2020 START END DATES: 13/04/2021 12/04/2023
2018-2021	Project: Social Robots as Tools in Special Education (KOIPO)

"RESEARCH-CREATIVITY-INNOVATION" Action, 1st Cycle, Intervention II, EPAvEK Operational Program, ESPA 2014-2020. Project code T1EDK-00929.
Start - end dates: June 28, 2018 - February 27, 2021
Scientific Coordinator: Professor Vasilios Kabourlazos

- 2018-2021 Project: Personalized Optimum Harvest with Autonomous Robot (EBTAP) "RESEARCH-CREATIVITY-INNOVATION" Action, 1st Cycle, Intervention II, EPAvEK Operational Program, ESPS 2014-2020. T1EDK-00300
Start - end dates: June 28, 2018 - February 27, 2021
Scientific Coordinator: Professor Vasilios Kabourlazos
- 2018-2019 Project: Increasing the wellbeing of the population by ROBOTIC and ICT based iNnovative education (RONNI). Project code ELKE: 80241
EU Danube Strategic Project Fund (DSPF), the Interreg Danube Transnational Program. Project no. 07_ECVII_PA07_RONNI
- 2017-2021 Project "Cyber Physical Systems for PEdagogical Rehabilitation in Special Education (CybSPEED)". Project 80212. Horizon 2020 Program, H2020-MSCA-RISE-2017, Project no. 777720. Start - end dates: 1 December 2017 - 30 November 2021
Scientific Coordinator: Professor Vasilios Kabourlazos
- 2006-2008 OpBusiness Program of Eastern Macedonia and Thrace (PEP-AM-TH) entitled: Development of an Integrated Information System for Project Management and Forecasting Scientific Responsible
Scientific Coordinator: Professor Tsiantos Vassilios
- 2005-2006 Participation in the ARCHIMIDIS I research project titled: Software for Simulation of Man-Operator in Industrial Production Scientific responsible
Scientific Coordinator: Professor Kaburlasos Vassilios

publications:

conferences

1. E. Vrochidou, **M. Manios**, V. G. Kaburlasos, F. Panagiotopoulos, C. Aitsidis, V. Ferelis, "Design of social robots using open-source robotic platforms", Proceedings of the International Conference on Robotics & Mechatronics and Social Implementations, Varna, Bulgaria, 28 August – 01 September 2018, pp. 21-26
2. E. Vrochidou, **M. Manios**, G. A. Papakostas, C. N. Aitsidis, F. Panagiotopoulos, "Open-source robotics: investigation on existing platforms and their application in education", Proceedings of the 26th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2018), Symposium on: Robotic and ICT assisted wellbeing, Split, Croatia, 13-15 September 2018
3. V. G. Kaburlasos^{1*}, E. Vrochidou¹, C. Lytridis¹, G. A. Papakostas¹, T. Pachidis¹, **M. Manios¹**, S. Mamalis², T. Merou², S. Koundouras², S. Theocharis², G. Siavalas³, C. Sgouros³, P. Kyriakidis⁴

4. E. Vrochidou, T. Pachidis, **M. Manios**, G. A. Papakostas, V. G. Kaburlasos, S. Theocharis, S. Koundouras, K. Karabatea, E. Bouloumpasi, S. Pavlidis, S. Mamalis, T. Merou. "Identifying the technological needs for developing a grapes harvesting robot: operations and systems", 9th International Conference on Information and Communication Technologies in Agriculture, Food & Environment (HAICTA 2020). Thessaloniki, Greece, 24-27 September, 2020 (to be published).
5. Elisavet Bouloumpasi^{1*}, Serafeim Theocharis¹, Aikaterini Karampatea¹, Stavros Pavlidis¹, Spyridon Mamalis¹, Stefanos Koundouras¹, Theodora Merou¹, Eleni Vrochidou², Theodore Pachidis², **Michail Manios²**, George Papakostas², Vassilis Kabourlasos² 'Exploration Of Viticultural Tasks To Be Performed By An Autonomous Robot: Possibilities And Limitations' Proceedings of the XI International Scientific Agricultural Symposium "Agrosym 2020

Journals

6. Lytridis, C., Lekova, A., Bazinas, C., **Manios, M.**, Kaburlasos, V.G.: WINKNN: Windowed Intervals' Number kNN Classifier for Efficient Time-Series Applications. *Mathematics*. 8, 413 (2020).
7. M. Qbadou, I. Salhi, H. El Fazazi, K. Mansouri, **M. Manios**, V. Kaburlasos, "Human-robot multilingual verbal communication – the ontological knowledge and learning-based models", *Advances in Science, Technology and Engineering Systems (ASTES) Journal*, vol. 5, no. 4, pp. 540-547, 2020.
8. M. Dimitrova, **M. Manios**, J. David Nuñez-Gonzalez, H. Wagatsuma, A. Krastev, H. Karatsioras "Disruptive Innovation Technology for Inclusive Education", January 2020 *Information technology and control*, Online ISSN:2367-5357
9. Eleni Vrochidou , Christos Bazinas , **M. Manios**, George A. Papakostas * , Theodore P. Pachidis and Vassilis G. Kaburlasos Machine Vision for Ripeness Estimation in Viticulture Automation *Horticulturae* 2021, 7, 282. [https:// doi.org/10.3390/horticulturae7090282](https://doi.org/10.3390/horticulturae7090282)
10. Lytridis, C.; Kaburlasos, V.G.; Pachidis, T.; **Manios, M.**; Vrochidou, E.; Kalampokas, T.; Chatzistamatis, S. An Overview of Cooperative Robotics in Agriculture. *Agronomy* 2021, 11, 1818. [https:// doi.org/10.3390/agronomy11091818](https://doi.org/10.3390/agronomy11091818)