

Michail E. Kiziroglou

CURRICULUM VITAE

CONTACT INFORMATION

Name	Michail E. Kiziroglou
Date of Birth	15 May 1977
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EDUCATION

2003-2007	Ph.D. in Microelectronics, School of Electronics and Computer Science, University of Southampton, U.K. Support: EPSRC
2001-2003	MSc in Microelectronics and Information Technology, Department of Electrical and Computer Engineering, Democritus University of Thrace, Greece, with Distinction (average grade 9.88/10)
1995-2000	Diploma in Electrical and Computer Engineering, Aristotle University of Thessaloniki, Greece, with Distinction (average grade 8.56/10). Training: FFM/FGAN, Germany
1989-1995	24 th High School of Thessaloniki, Greece. University entrance exams scores: Mathematics 160/160, Physics: 155/160, Chemistry: 149/160, Essay: 129/160.

ACADEMIC APPOINTMENTS

2025-present	Professor, Department of Industrial Engineering and Management, International Hellenic University, Greece
2006-2025	Research Fellow, Electrical & Electronics Engineering, Imperial College London, U.K. (Research Associate 2006-2018)
2012-2025	Lecturer (2012-2016), Assistant (2016-2021) and Associate (2021-2025) Professor, Department of Industrial Engineering & Management, International Hellenic University, Greece
2016-2017	Associate Project Scientist, Berkeley Energy & Climate Institute, University of California at Berkeley, CA, USA.
2010-2011	Lecturer (Fixed term) in Electronics, Department of Informatics and Telecommunication Engineering, University of Western Macedonia, Greece
2009-2011	Post-Doctorate Researcher in spintronics (funded by the State Scholarship Foundation of Greece) and energy harvesting (funded by internal research excellence award), Department of Electrical and Computer Engineering, Aristotle University of Thessaloniki, Greece.
2008-2011	Lecturer (Fixed term), Department of Automation Engineering and Department of Electronic Engineering, Technological Educational Institute of Thessaloniki, Greece
2010	Lecturer (Fixed term) in Electronic Materials, Department of Electrical and Computer Engineering, Democritus University of Thrace, Greece.
2008-2009	Lecturer (Fixed term) in MEMS, Department of Mechanical Engineering, University of Thessalia, Greece.
2003–2006	Laboratory demonstrator in electronics, Electronics and Computer Science, University of Southampton, U.K.
2002–2003	Teacher in electronics (permanent position), 2 nd Technical High School of Kilkis, Greece.

RESEARCH TRACK RECORD

2004 – 2020	Over 100 publications in peer-reviewed scientific journals and international conferences. (Google scholar citations: 1700, h-index: 22)
2004- 2024	Served as a reviewer for over 150 papers, for various journals and conferences including IEEE_TPE, JMM, SSE, IEEE_TIE, APL, IEEE Sensors, SMS, JPhysD, Nano and Science.
2016	Initiated a three-year research collaboration among UC Berkeley, Airbus Group, Imperial College London, and ATEITH on integrated sensor devices.
2013 – 2026	Seven successful research proposals, six of which led by industries: EU FP7 ‘Flitewise’ (400 k€), H2020 Marie Curie ITN ‘Enhance’ (3.4 m€), EU H2020 ‘AmpWISE’ (900 k€), Airbus Industrial contracts ‘Ample’ (115 k€) and ‘AAPS’ (160 k\$), EU H2020 ‘SMARTWISE’ (350 k€) and EU Horizon Europe SAMWISE (600 k€).
2014 – 2024	Co-developed various harvesting power supplies for aircraft sensors including dynamic thermoelectric, inductive rotational motion and inductive power line energy harvesters.
2013	Co-developed dynamic thermoelectric harvesting including prototype power supplies, and analytical and numerical models for phase change and performance prediction.
2010	Co-developed one of the first battery-less, MEMS self-powered wireless sensors.
2010	Co-developed a self-assembly technique for VLSI integrated vertical Au MEMS inductors, demonstrating on-chip quality factor of over 15 at 5 GHz.
2007	Co-Introduced one of the first non-resonant MEMS motion energy harvesting devices
2005	Co-developed a fabrication technique for high-Q tunnelling Schottky barriers on Si.

DISTINCTIONS

2023	Best Paper Award, PowerMEMS 2023
2021	Paper “Micromechanics for Energy Generation” included in 2021 highlights by the Journal of Micromechanics and Microengineering, Institute of Physics
2018	Outstanding Reviewer Award, Institute of Physics
2017	Short-course teaching on powering the Internet-Of-Things with UC Berkeley Prof. James Evans and two Silicon Valley corporate CEOs, FLEX 2017 Conference, Monterey, CA, USA.
2013	European Mechatronics Award 2013: EU FP7 Cleansky project: Strainwise.
2009, 2011	Post-doctorate Scholarship, State Scholarship Foundation. Research excellence award, AUTH.
2007	Best poster award, EPSRC WINES Conference, Warwick, U.K. 2007
2007,13,15,23	Performance bonuses from Imperial College London, U.K.
2003-2006	EPSRC Ph.D. Scholarship, Electronics and Computer Science, Univ. of Southampton, U.K.
2003	Highest MSc grade prize from the State Scholarship Foundation of Greece.
2000	Highest Engineering Diploma grade award, AUTH, Greece and high graduation grade award from the Technical Chamber of Greece
1993-1995	Third (1993) and first (1995) prize of the Hellenic Mathematics Society

MEMBERSHIPS AND AFFILIATIONS

Associate Editor, IEEE Access 2020-2026 and Springer-Nature Microsystems Technologies 2026 - today

Steering Board of the Energy Harvesting Network, U.K.

PSMA Energy Harvesting Committee, 2017-2026

Chartered Engineer (TEE, Greece, 2001)

Member of the Institute of Physics since 2004

Member of IEEE since 2004 (Senior Member since 2014)