

**ANASTASIOS TZERACHOGLU (Mr)**

Laboratory Teaching Staff  
Industrial Design and Production Engineering Department  
University of West Attica  
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**STUDIES**

PhD Candidate, University of West Attica, Industrial Design and Production Engineering Department

10/2007: Master in Health Administration (Health Management and Economics), University of Piraeus, Greece

6/2004: Master of Advanced Studies in Telematics Management (Telecommunications & Informatics Management), Donau Universität Krems, Austria (graduation with distinction).

7/2000: BSc in Computer Systems Engineering, Technological Education Institute (TEI) of Piraeus, Greece.

**LANGUAGES**

Greek (native language)

English (Proficiency in English, University of Cambridge)

**PROFESSIONAL ACTIVITY**

1/2021 – to date: Laboratory Teaching Staff. Industrial Design and Production Engineering Department University of West Attica

12/2019 – 1/2021: Specialized Technical Laboratory Staff. Industrial Design and Production Engineering Department University of West Attica

3/2006 – 12/2019: Computer Systems Engineer. Network Operation Center in the Direction of Informatics and Technical Services of Technological Education Institute of Piraeus, Greece. Develop, manage and support of ICT and AV Networks/Systems and services.

10/2012 – 2/2013: Laboratory Associate in the Laboratory of Multifunctional Garments in Textile Engineering Department of Technological Education Institute of Piraeus.

Management of projects, teaching and research.

9/2000 – 02/2013: Laboratory Associate in Laboratory of Telematic Applications in Automation Engineering Department of Technological Education Institute of Piraeus.

Management of projects, teaching and research.

9/2007 – 7/2011: Laboratory Associate in Laboratory of Data Acquisition Systems in Automation Engineering Department of Technological Education Institute of Piraeus.

Teaching and research.

9/2000 – 6/2006: Laboratory Associate in the laboratory of Systems' Design and Manufacturing in Automation Engineering Department of Technological Education Institute of Piraeus.

11/2007 – 3/2009: Implementation of the Videoconference Room of TEI Piraeus.

1/2007 – 8/2008: Employment in the project ENTER 099 2004, Corporate Program Competitiveness: "Development of Telematic Applications with the Use of Smart Fibers and Textiles" Tasks: technical support of the project. Contractor: TEI of Piraeus.

9/2006 – 12/2008: Employment in the project "Enhancement of Studies in Informatics, ICT in Computer Systems Engineering department of TEI Piraeus", Tasks: upgrading and supporting the web servers and the videoconference room in the Research Center of TEI Piraeus.

9/2006 – 2/2007: Employment in the Leonardo Da Vinci project: “E-learning for Introduction and Management of Tele-working – ELITE (SK/04/B/F/PP-177421)”. Tasks: technical support of the project.

10/2003 – 10/2005: Employment in Technological Educational Institute of Piraeus on a contract basis in project “Equipment and Networking in all education Levels, Measure 1.1, Action 4, Teleducation and Teletraining infrastructure. Classrooms Infrastructure on a Regional Level”, Information Society.

9/03 – 6/04: Member of Working Team in the program “Adult Education Centers“ EPEAEK II, of the Lifelong Learning Institute – I.D.E.K.E. of General Secretariat of Adult Education, Tasks: production of educational material for the module of New Technologies for use in the Adult Education Centres of Greece. Educator in the seminars for the educators of Adult Education Centres of Greece

3/2001 – 8/2002: Employment in Technological Educational Institute of Piraeus on a contract basis in the program “Information Society TeiPirNET-II”. Tasks: technical support of the peripheral buildings of TEI Piraeus and of the Videoconference Room.

7/2000: Implementation of Videoconference infrastructure through IP and ISDN in the Digital Library premises of TEI Piraeus.

10/1998 – 2/2001: Employment in Technological Educational Institute of Piraeus on a contract basis in the program E.P.E.A.E.K. “ISDN Networks of Data Communication and Development of Advanced Telematic Services”. Tasks: technical support of the program.

1/99 – 9/99: Employment in Technological Educational Institute of Piraeus on a contract basis in the program E.P.E.A.E.K. “Schools of Pilot Education Programs – SEPPE: Application of Telematics in Schools”. Tasks: technical support of the program (computer networks design and implementation, networking of schools, development of websites and educational content).

10/1998 – 1/1999: Design and Implementation of the Videoconference Room in Research Center of TEI Piraeus incorporating IP and ISDN Technologies.

10/1998 – 12/1998: Employment in Technological Educational Institute of Piraeus on a contract basis in the program E.P.E.A.E.K. “Apprenticeship of University and Technical University Students (Second Cycle)” Tasks: administrative and technical support of the program.

9/93 – 9/98: Computer and automation systems development and integration. Design and implementation of audiovisual devices and infrastructures.

## **PUBLICATIONS**

1. “Intelligent Robotic Systems for Military Use, from Past to Present and Beyond: A Comprehensive Review and Taxonomy”, A. Tzerachoglou, I. Ypatidis, G. Kladis, Journal of Applied Mathematics & Bioinformatics, vol.6, no.3, 2016, 23-44, Scienpress Ltd, 2016
2. “Copper-coated textiles with potent antimicrobial activity against methicillin-resistant *Staphylococcus aureus*”, Galani I., Priniotakis G., Orlandou K., Chronis I., Tzerachoglou A., Petrikos G., Souli M., 24<sup>th</sup> ECCMID Barcelona, Spain, 10-13 May 2014
3. “Improved Microcontroller based Data Acquisition System for human body physiological and environmental parameters measurements”, A.Karagounis, A. Tzerachoglou, D. Tseles, eRA-8 The SynEnergy Forum, Athens, Greece, 09/2013
4. “Smart textiles: garment or device?”, G. Priniotakis, I. Chronis, A. Tzerachoglou, 6th International Symposium on Flexible Organic Electronics (ISFOE13), Thessaloniki, Greece, 8-11 July 2013
5. “Study on the geometrical behaviour of the conductivity of gold coated textiles”, G. Priniotakis, A. Tzerachoglou, P. Yannakopoulos, Dimitris Tseles, eRA-7 The SynEnergy Forum, Athens, Greece 9/12
6. “Development of Gold Coated Threads and Implementation Into a Wearable System”,

- Priniotakis, Georgios; Tzerachoglou, Anastasios; Chronis, Ioannis; Langenhove, Lieva Van; Westbroek, Philippe; Nyokong, Innovative solutions for sustainable development of textiles and leather industry, Oradea, Romania, 7/2012
7. 1-2 June 2012, Oradea, Romania "Gold Coated Textile Electrodes For Wearable Bio-Potential Monitoring Systems" A. Tzerachoglou, E. Kapsalis, I. Chronis, G. Priniotakis, G. Pikoulis, L. Karabarpas, D. Piromalis, D. Tseles, FIBERMED 11, Tampere, Finland, 28-30 June 2011
  8. "Development of conductive threads using experimental laboratory device" Tzerachoglou A., Priniotakis G., Chronis I., Kapsalis E., Peppas A., Gyalinou E., Piromalis D., Tseles D., Karamarpas L, eRA-5 international conference, Athens, Greece, 2010
  9. "ESTHIS Wearable Electronics", Priniotakis G., Kapsalis E., Tseles D., Tzerachoglou A., Chronis I., Pyromalis D., 2nd International Scientific Conference Textiles of the Future Kortrijk –Belgium 13 - 15 November 2008
  10. "An IEEE 802.15.4 Tranceivers Development Characteristics Evaluation" Piromalis D., Zisos I., Charitopoulos A., Tzerachoglou A., Vasilakis N., Tseles D., eRA-3 international conference, Aegina, Greece, 9/2008
  11. "ESTHIS Prototyping: Sensor's Personal Area Network Implementation Key factors" Tseles D., Piromalis D., Tzerachoglou A., Kapsalis E., Priniotakis G., Chronis I., eRA-3 international conference, Aegina, Greece, 9/2008
  12. "ESTHIS Prototyping: Textile Sensors for Bio-Physiological Signals", G. Priniotakis, E. Kapsalis, D. Tseles, A. Tzerachoglou, I. Chronis, D. Piromalis, eRA-3, international conference, Aegina, Greece, 9/2008
  13. "ESTHIS Prototyping: Electrical Characteristics and Performance of Yarns made of Gold Coated Fibers" Tseles D., Piromalis D., Tzerachoglou A., Kapsalis E., Priniotakis G, Chronis I., eRA-3 international conference, Aegina, Greece, 9/2008
  14. "ESTHIS - Wearable Electronics - Dress for Success" Priniotakis G., Kapsalis E., Tseles D., Tzerachoglou A., Chronis I., Piromalis D., SynEnergy Forum Conference, Spetses, Greece, 5/2008
  15. Ilavska A., Tzerachoglou A., Vasilakis N., "E-maturity–necessary precondition for e-Europe (ENTER – Connection population between age 40 – 60 to ICT)" 2nd International Conference eRA, Athens, Greece, 2007
  16. "Critical Issues in Developing a Secure Patient Management System (EMR)" Tseles D., Chronis I., Gezerlis S., Tzerachoglou A., Zervoudakis D., 1<sup>st</sup> International Conference eRA, Tripoli, Greece, 9/2006
  17. "Telecontrol through the world wide web", Passias N., Politidis D, Tzerachoglou A., 1<sup>st</sup> International Conference eRA, Tripoli, Greece, 2006
  18. "Hexapod robot of surveillance", Kladis G., Ypatidis J., Tzerachoglou A., 1<sup>st</sup> International Conference eRA, Tripoli, Greece, 2006
  19. "Implementing a Teleducation network based on Videoconferencing systems within Technological Educational Institutes in Greece", Tzerachoglou A., 1<sup>st</sup> International Conference eRA, Tripoli, Greece, 2006
  20. "Penetration of New Technologies in Educational Institutes of Greece" Zeibekakis G., Panoutsopoulos I., Tzerachoglou A., Scientific Yearbook of Applied Research in TEI Piraeus, Vol X, No 1, 2005, pp. 171-179
  21. "The Parameters Allocated in the Modern Labour Market and Influence the Educational Model", Zeibekakis G, Tzerachoglou A., International Conference "NETTIES 2002", Ilmenau, Germany, 10/2002
  22. "Mixed Mode Teleducation. Designing a Hybrid Model for Open and Flexible Education with the use of Information and Telecommunication Technologies", Zeibekakis G, Tzerachoglou A., International Conference "NETTIES 2001", Fribourg Switzerland, 9/2001
  23. "Designing a Hybrid Education Model with New Technologies", Tzerachoglou A., ODL Workshop, Thessaloniki, Greece, 3/2001

24. Zervoudakis D, Zeibekakis G, Tzerachoglou A, "Lifelong Teletraining for the Workforce", International Conference "New Approaches to Education & Training for Industry", Timisoara, Romania, 9/1999
25. Tzerachoglou A, Zeibekakis G. "Building Effective Classrooms for Teleducation: The Teleclassroom of the Piraeus Technological Educational Institute", International meeting "Evolution of Thematic Network in Socrates II" Innovations for Education in Information Technology through Multimedia and Communication Networks. Naples, Italy, 2/1999

## **WRITING ACTIVITY**

Educational Material on New Technologies (Digital Literacy, Digital Numerism Communication) for teaching in Adult Education Centers, for account of the Institute of Continuing Adult Education, 2005

Educational Material of Informatics Laboratories I & Informatics II for the Department of Marketing and Quality Control of Agricultural Products of the TEI of Western Macedonia, 2005

Teaching Notes on the Didactics of New Technologies for Adults, 2004

Teaching Notes for the Laboratory of Telematic Applications (a seventh semester course) in the Department of Automation Engineering in TEI of Piraeus, 2002, 2004