

**CV**

Name	<i>Kostas</i>
Surname	<i>Anagnostou</i>
Position	<i>Professor (in person) of the Department of Informatics and Telecommunications, Faculty of Sciences, University of Thessaly with area of knowledge "Automatic Control Systems"</i>
Bachelor	<i>Diploma in Electrical Engineering, University of Patras, degree "Excellent", 1979.</i>
PhD degree	<i>Doctoral Degree, Department of Computer Engineering and Informatics, University of Patras, degree "Excellent", 1985. Doctoral thesis: " Linear Estimation Partitioning Algorithms, Comparative computational analysis".</i>
Professional and teaching experience	<p><i>Feb. 2020 - now:, Department of Informatics and Telecommunications, Faculty of Sciences, University of Thessaly, Professor.</i></p> <p><i>2019 - Feb. 2020,: General Department of Lamia, University of Thessaly, Professor.</i></p> <p><i>2018 – 2019: Dept. of Electronics Engineering, School of Technological Engineering, TEI of Sterea Ellada, Professor.</i></p> <p><i>2012 – 2015: Leader of the main research team for “ARCHIMEDES III” project, TEI of Lamia. The sub-project was entitled: “Measurement of environment physical and chemical parameters by development autonomous data collection, processing and transmitting systems with use of green power and most optimal management” (URL project: <a href="http://thermomeas.teiste.gr">http:// thermomeas.teiste.gr</a>).</i></p> <p><i>2013 – 2018: Dept. of Electrical Engineering, School of Technological Engineering, TEI of Sterea Ellada, Professor.</i></p> <p><i>2004 – 2007: Member of the main research team for “ARCHIMEDES II” project, TEI of Lamia. The sub-project was entitled: “Measurement of physical and chemical parameters in physical and chemical quantities of the environment combining biological problems in organisms and implementation of the results for the determination of geological phenomena”.</i></p> <p><i>2003 – 2013: Dept. of Electrical Engineering, School of Technological Engineering, TEI of Lamia, Professor.</i></p> <p><i>2001 – 2003: Dept. of Electrical Engineering, School of Technological Engineering, TEI of Lamia, Assistant Professor.</i></p> <p><i>1994 - 2003: Dept. of Electrical Engineering, School of Technological Engineering, TEI of Lamia, Professor.</i></p> <p><i>1991 – 1994: Dept. of Electrical Engineering, School of Technological Engineering, TEI of Larissa, Lamia, Professor.</i></p> <p><i>1988 – 1991: Senior Lecturer at the Dept. of Electrical Engineering, School of Technological Engineering, TEI of Larissa, Lamia, Greece.</i></p> <p><i>1987 – 1988: Lecturer at the Dept. of Computer Engineering &amp; Informatics, University of Patras, Patras, Greece.</i></p> <p><i>1985 – 1987: Researcher with scholarship at the Institute of Computer Engineering, Patras, Greece.</i></p> <p><i>1982 – 1987: Research Assistant at the Dept. of Computer Engineering &amp; Informatics, University of Patras,</i></p>

	<p>Patras, Greece. 1980 – 1982: Research Assistant at the Dept. of Electrical Engineering, University of Patras, Patras, Greece.</p>
Administrative posts	<p>He has served for many years, Chairman of the Department (1988 - 1992, 2004 - 2005, 2008 - 2010, 2014 - 2016, 29/01/2019 - 14/03/2019), Vice President (Deputy Head) of the Department (1997 -1998, 1999-2000, 2003-2004, 2010 - 2014, 2016-2018) and Head of Department (Group) Courses (1995 - 2004, 2005 - 2008). He also participated in the Council of the former TEI of Lamia as an elected member (2012 - 2013).</p>
Scientific / research interests	<p>Computer control systems, control - stabilization - optimization of bilinear systems, wireless communications, IoT sensors, VANETs, estimation – prediction algorithms, comparative computational analysis of linear estimation algorithms, multisensor estimation problem, measurement of physicochemical parameters of the environment and application of results for the determination of geological phenomena.</p>
Selected publications	<ol style="list-style-type: none"> <li>1. "Stabilizing Optimal Control of Bilinear Systems With a Generalized Cost" (S.G.Tzafestas, K.E.Anagnostou and T.G.Pimenides), <i>Optimal Control Applications and Methods</i>, Vol.5, pp.111-117, 1984, <a href="https://doi.org/10.1002 /oca.4660050204">https://doi.org/10.1002 /oca.4660050204</a>.</li> <li>2. "Stabilization of Singularly Perturbed Strictly Bilinear Systems" (S.G.Tzafestas, K.E. Anagnostou), <i>IEEE Transactions on Automatic Control</i>, AC-29, 10, pp.943-946, 1984, DOI: 10.1109/TAC.1984.1103408 .</li> <li>3. "Stabilization of <math>\varepsilon</math> - Coupled Bilinear Systems Using State Feedback Control" (S.G.Tzafestas, K.E.Anagnostou), <i>International Journal of Systems Science</i>, Vol.15, No.6. pp.639-646, 1984, DOI: <a href="https://doi.org/10.1080/00207728408547201">10.1080/00207728408547201</a>.</li> <li>4. "Comparative Computational Analysis of a New Per-Sample Partitioning Linear Filter and the Kalman Filter" (K.E.Anagnostou and D.G.Lainiotis), <i>International Journal of Systems Science</i>, Vol.18, No.2, pp.351-370, 1987, DOI: <a href="https://doi.org/10.1080/00207728708963972">10.1080/00207728708963972</a> .</li> <li>5. "A New Per-Sample Partitioning Filter" (D.G.Lainiotis and K.E. Anagnostou). <i>Signal Processing</i>, Vol.12, No.1, pp.27-47, 1987, <a href="https://doi.org/10.1016/0165-1684(87)90080-6">https://doi.org/10.1016/0165-1684(87)90080-6</a> .</li> <li>6. "Physico-chemical Characteristics of Thermopylae Natural Hot Water Springs in Central Greece: Chemical Geothermometry" (G. D. Verros, T. Latsos, K. E. Anagnostou, P. Avlakitios, C. Chaikalis, C. Liolios, D. Antoniou, S. Kotsopoulos, and P. Arsenos), <i>American Institute of Physics Conf. Proc. Computation in modern science and Engineering: Proceedings of the International Conference on Computational Methods in Science and Engineering (ICCMSE 2007)</i>, Vol. 2, Part A and B, Volume 963, p.p. 412-415, December 2007, DOI:10.1063/1.2836100.</li> <li>7. "Telemetry, analysis and wireless data communications for a measuring station" (Vasilios Zarikas, T. Chrisikos, K. E. Anagnostou, S. Kotsopoulos , P. Avlakitios, C. Liolios, T. Latsos, G. Perantzakis, A. Lygdis, D. Antoniou, A. Likourgiotis,), <i>Proceeding of «10th International Conference, Elektro 2014» (IEEE Czechoslovakia section)</i>, Rajecké Teplice, Slovakia, p.p.122-126, 2014.</li> <li>8. "Aspects of a wireless telemetry station" (Vasilios Zarikas, Theofilos Chrisikos, K. E. Anagnostou, Stavros</li> </ol>

Kotsopoulos , P. Avlakitotis, C. Liolios, T. Latsos, G. Perantzakis, A. Lygdis, D. Antoniou, A. Likourgiotis, In *Transcom Procceding 2015, (Section 3: Information and Communication Technologies)* p.p. 99-104, Slovak Republic, Zilina, June 2015.

9 «*Seismic activity and Geochemical monitoring of Thermal waters in Thermopylae*» (Vasilios Zarakas, K. E. Anagnostou, P. Avlakitotis, S. Kotsopoulos, C. Liolios , G. Perantzakis , A. Lygdis). [scialert.net\\_qredirect.php\\_DOI: 10.3923/jas.2016.113.123](http://scialert.net_qredirect.php_DOI:10.3923/jas.2016.113.123), *Journal of Applied Sciences*, 2016, Vol.16(3), p.p.: 113-123.

10. "Reconfigurability and Performance of Mobile Routing Protocols for Vanet Applications" (V. Markoulis, C. Chaikalis, I. K. Savvas and K. E. Anagnostou), *Conference: 25th Telecommunications forum TELFOR 2017, Serbia, Belgrade, November 21-22, 2017*, 978-1-5386-3073-0/17/\$31.00 ©2017 IEEE, DOI: [10.1109/TELFOR.2017.8249282](https://doi.org/10.1109/TELFOR.2017.8249282)..