

## BIOGRAPHICAL SKETCH

<p>NAME: VASSILIS KILINTZIS</p> <p>FATHER'S NAME: DIMITRIOS</p> <p>DATE OF BIRTH: 18/02/1978</p> <p>PLACE OF BIRTH: IOANNINA, GREECE</p> <p>Office phone: +30.2310.999332</p> <p>E-mail: billyk@med.auth.gr</p>	<p>POSITION TITLE</p> <ul style="list-style-type: none"> <li>• POST DOCTORAL RESEARCHER, LAB OF MEDICAL INFORMATICS A.U.Th., THESSALONIKI, GREECE</li> <li>• POST DOCTORAL RESEARCHER, IT HEAD, LABORATORY OF RESEARCH AND CLINICAL APPLICATIONS IN OPHTHALMOLOGY, A.U.Th. , THESSALONIKI, GREECE</li> </ul>
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EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
ARISTOTLE UNIVERSITY THESSALONIKI	BSc	1996-2001	PHYSICS
ARISTOTLE UNIVERSITY THESSALONIKI	MSc	2002-2004	MEDICAL INFORMATICS
ARISTOTLE UNIVERSITY THESSALONIKI	PhD	2006-2012	MEDICAL INFORMATICS, GLAUCOMA

### Positions and Honors

- 2004-2012 Research Associate, Systems Administrator, Information Systems Designer and Developer, IT Consultant, Lab of Research and Clinical Applications in Ophthalmology, A' Ophthalmology Dept. A.U.Th.
- 2005-2012 Information System's designer and developer, Research Associate, Lab of Medical Informatics, Medical School A.U.Th.
- 2003-2004 Member of the user's support team, Network Operations Centre A.U.Th.

### Teaching experience

- 2003-2013 Telemedicine tutor at the public Institute of Vocational Training "IEK EKAB" Thessaloniki
- 2006-2010 Laboratory Associate for the lesson "lab of Dental/Medical Informatics", Medical School A.U.Th.
- 2006-2010 Tutor for the lesson "Programming techniques in Information systems", post graduate program of Medical Informatics, Medical School A.U.Th.
- 2009 Seminars for Highschool Computer Teachers, New programming developing environments, Image processing basics, Sound processing basics, University of Macedonia Thessaloniki.
- 2003 Laboratory Associate "Lab of Digital Signal Processing, Computer Networks", Technological Educational Institute of Thessaloniki School of Electronics
- 2002 Teacher in Ms Office, Visual Basic ,ECDL seminars at private institute of vocational training "Interactive Learning"

### Developing experience

- PHP, Javascript, css, several data management applications for clinical trials and research projects
- JAVA, universAAL physical activity monitor module.
- Android, Registered Google developer "Android Sensors" application
- MATLAB, Sensation, Phd image processing and feature extraction
- Delphi, INTERLIFE Physician Interface, PSIP CDSS add-on modules.
- Borland C++, AGIS Score Calculator application.

### Selected peer-reviewed publications (2010-2013)

1. Mandalos A, Anastasopoulos E, Makris L, Dervenis N, **Kilintzis V**, Topouzis F. Inter-examiner reproducibility of Ocular Response Analyzer using the waveform score quality index in healthy subjects. J Glaucoma. 2013 Feb;22(2):152-5. doi:10.1097/IJG.0b013e318227e63e1. PubMed PMID: 21946542.
2. Mataftsi A, Bourtoulamaïou A, Haidich AB, Antoniadis A, **Kilintzis V**, Tsinopoulos IT, Dimitrakos S. Development and validation of the Greek version of the MNREAD acuity chart. Clin Exp Optom. 2013 Jan;96(1):25-31. doi:10.1111/j.1444-0938.2012.00799.x. Epub 2012 Sep 11. PubMed PMID: 22963040.
3. Founti P, Harris A, Papadopoulou D, Emmanouilidis P, Siesky B, **Kilintzis V**, Anastasopoulos E, Salonikiou A, Pappas T, Topouzis F. Agreement among three examiners of colour Doppler imaging retrobulbar blood flow velocity

measurements. *Acta Ophthalmol.* 2011 Dec;89(8):e631-4. doi: 10.1111/j.1755-3768.2011.02236.x. Epub 2011 Sep 20. PubMed PMID: 21933359.

4. Nies J, Koutkias V, **Kilintzis** V, Guillot B, Maglaveras N, Pedersen HG, Berg AL, Skjoet P. Information contextualization in decision support modules for adverse drug event prevention. *Stud Health Technol Inform.* 2011;166:95-104. PubMed PMID: 21685615.
5. Koutkias V, **Kilintzis** V, Stalidis G, Lazou K, Collyda C, Chazard E, McNair P, Beuscart R, Maglaveras N. Constructing Clinical Decision Support Systems for Adverse Drug Event Prevention: A Knowledge-based Approach. *AMIA Annu Symp Proc.* 2010 Nov 13;2010:402-6. PubMed PMID: 21347009; PubMed Central PMCID: PMC3041377.
6. Koutkias V, **Kilintzis** V, Beuscart R, Maglaveras C, "Developing Decision Support Services for Patient Medication Safety: A Knowledge Engineering Perspective", in *Proc. of the Int. Workshop on Patient Safety through Intelligent Procedures in Medication*, Sofia, Bulgaria, June 23, 2011, ISBN 978-954-452-015-1, pp. 13-16
7. Koutkias V, **Kilintzis** V, Stalidis G, Lazou K, Collyda C, Chazard E, McNair P, Beuscart R, Maglaveras N, "Constructing Clinical Decision Support Systems for Adverse Drug Event Prevention: A Knowledge-based Approach", in *Proc. of the American Medical Informatics Association Symposium 2010 (AMIA)*, pp. 402-406, Washington DC, USA, 13-17 November, 2010
8. **Kilintzis** V, Chouvarda I, Topouzis F, Maglaveras N, 2010. Symbolic representation of optic nerve head cup presents difference in patients with Primary Open Angle Glaucoma, *Proceedings of the IEEE/EMBS Region 8 International Conference on Information Technology Applications in Biomedicine, ITAB 2010.*
9. **Kilintzis** V, Pappas T, Chouvarda I, Salonikiou A, Maglaveras N, Dimitrakos S, Topouzis F. Novel Heidelberg retina tomograph-based morphological parameters derived from optic disc cupping surface processing. *Invest Ophthalmol Vis Sci.* 2011 Feb 16;52(2):947-51. doi: 10.1167/iovs.10-6298. PubMed PMID: 21051701.
10. Salonikiou A, **Kilintzis** V, Antoniadis A, Topouzis F. New application for automatic hemifield damage identification in Humphrey Field Analyzer (HFA) visual fields (2010) *IFMBE Proceedings* 29, pp. 506-509
11. Koutkias V, Lazou K, **Kilintzis** V, Beuscart R, Maglaveras N, "On Intelligent Procedures in Medication for Patient Safety: The PSIP Approach", in *Proc. of the IEEE Int. Conf. on Intelligent Systems Design and Applications (ISDA), Special Session on Intelligent Systems Design and Applications in the Health Domain*, pp. 363-366, Nov. 30 – Dec. 02, Pisa, Italy, 2009
12. Koutkias V, Stalidis G, Chouvarda I, Lazou K, **Kilintzis** V, Maglaveras N. A knowledge engineering framework towards clinical support for adverse drug event prevention: the PSIP approach. (2009) *Stud Health Technol Inform.* 2009;148:131-41.
13. Astaras A, Arvanitidou M, Chouvarda I, **Kilintzis** V, Koutkias V, Sánchez E.M, Stalidis G, Triantafyllidis A, Maglaveras N. An integrated biomedical telemetry system for sleep monitoring employing a portable body area network of sensors (SENSATION) (2008) *Proceedings of the 30th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS'08 - "Personalized Healthcare through Technology"*, art. no. 4650399, pp. 5254-5257.
14. Spyrou S, Bamidis P, **Kilintzis** V, Lekka I, Maglaveras N, Pappas C. Reliability assessment of home health care services. (2007) *Stud Health Technol Inform.* 2007;129(Pt 1):275-9.
15. **Kilintzis** V, Antoniadis A, Chouvarda I, Topouzis F. Using information and knowledge models to achieve versatile systems providing integrity and quality handling of ehr data on multicentric studies. (2006) *5th European Symposium on Biomedical Engineering* 7-9 July 2006, Patras
16. Maglaveras N, Maglaveras S, Lekka I, Chouvarda I, Kaimakamis V, **Kilintzis** V, Prentza A. Quality home telemedicine services for chronic cardiac disease patients through the INTERLIFE platform (2006) *Computers in Cardiology*, 33, art. no. 4511834, pp. 245-248.
17. **Kilintzis** V, Moulos I, Koutkias V, Maglaveras N. Exploiting the universAAL Platform for the Design and Development of a Physical Activity Monitoring Application. *6th International Conference on Pervasive Technologies Related to Assistive Environments* (2013)

## Participation in Research Programs

Advanced Sensor Development for Attention, Stress, Vigilance & Sleep/Wakefulness Monitoring. SENSATION

Quality Healthcare Management and Well-being through INTERLIFE Services

Patient Safety Through Intelligent Procedures In Medication (PSIP).

Association studies on cervical cancer facilitated by inference and semantic technologies. (ASSIST)

A large scale pan-European genetic epidemiology research network European Glaucoma Society GlaucoGENE Project.

UNIVERSal open platform and reference Specification for Ambient Assisted Living (universAAL)

Detection of persistent infections by human papillomaviruses. (PIPAVIR)

Thessaloniki Eye Study: Incidence Study.