

Dr. Michael Kalochristianakis

Lab Lecturer / Senior IT Engineer and IT Manager

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Professional experience

July 2018 – today: Lab lecturer, School of Medicine, University of Crete

April 2016 – 2018: IT manager / programmer, School of Philosophy, University of Crete

August 2011 – March 2016: Associate researcher / project manager for the MEDIALAB, Department of Computer Engineering and for the Network operation center Technological Educational Institution (TEI) of Crete

March 2010 – July 2013: Senior IT Engineer, Academic Library, University of Crete

May 2006 – December 2009: Senior IT Engineer, Network Technologies Sector, Research Academic Computer Technology Institute “Diofantos”

July 2004 – May 2006: Software engineer

May 2003 – May 2004: Research and IT soldier, Center of IT support, Greek Ministry of Defense

Education

PHD, Computer Engineering and Informatics Department, University of Patras

MSC, Computer science Department, University of Crete

Diploma, Electrical Engineering and IT, University of Patras

English language

Teacher’s license for the English language (Greek Ministry of Education)

Michigan Proficiency in English

First Certificate in English (grade A)

Publications

M. Kalochristianakis, A. Kontogiannis, D. E. Flouri, D. Nathena, K. Kanaki, E. F. Kranioti, "IPPASOS: the first digital forensic information system in Greece", Health Information Management Journal (HIMJ)

M. Kalochristianakis, M. Zampoglou, K. Kontakis, K. Kapetanakis, A. Malamos, "Scene integration for online VR advertising clouds", International Journal of Interactive Multimedia and Artificial Intelligence, 2014, vol. 3, no.1

M. Kalochristianakis, “A case for open, viable print accounting”, New Library World, 2014, vol. 115, iss. 11/12

M. Kalochristianakis, K. Grammatikakis, M. Saldaris, I. Demesoukas, G. Tzanodaskalakis, "The concept and design of an open, integrated print charging system", IEEE Systems Journal, 2013, vol. 7, iss. 4, pp. 692-699

M. Kalochristianakis, F. Georgatos, V. Gkamas, G. Kouretis, M. Paraskevas, E. Varvarigos, “Scaling desktop grids deployment procedures using LiveWN and OpenRSM”, International Journal of Grid Computing, 2012, vol. 10, iss. 2 (2012), pp. 237-248

M. Kalochristianakis, M. Paraskeyas, E. Varvarigos, “Security services in the Greek School Network”, International Journal of security and its applications, 2009, vol. 3, no 3, pp. 9-22

M. Kalochristianakis, M. Parakeyas, E. Varvarigos, N. Xypolitos, “The Greek school network, a paradigm of successful educational services maturing based on open source technology“, IEEE Transactions on Education, 2007, vol. 50, iss. 4, pp. 321-330

Kalochristianakis, M., Zervas, P. and Alexandraki C., 2022. An Intelligent Data Repository Consol-idating Artifacts of Music Learning. Web Audio Conference 2022 (WAC 2022), Cannes, France <https://doi.org/10.5281/zenodo.6768630>

M. Sifakis, M. Kalochristianakis, J. G. Garcia-Donas, O. Ekizoglu, E. F. Kranioti, "Frequentist's approach to data analysis and Interpretation in Forensic Anthropology", Statistics and Probability in Athropology, Elsevier 2020

M. Kalochristianakis, E. Varvarigos, "Wireless sensor network administrative management", book chapter, Handbook of Industrial Wireless Sensor Networks, Woodhead Publishing (an imprint of Elsevier), 2013

- M. Kalochristianakis, E. Psillidou, A. Kretsis, E. Varvarigos, "Building and orchestrating centralized remote management procedures for wireless sensor networks", book chapter, *Wireless sensor networks: from theory to applications*, CRC press, Taylor and Francis group, 2013
- Kalochristianakis, M., Zervas, P. and Alexandraki C., 2022. An Intelligent Data Repository Consolidating Artifacts of Music Learning. Web Audio Conference 2022 (WAC 2022), Cannes, France <https://doi.org/10.5281/zenodo.6768630>
- Michael Kalochristianakis, Athanasios Malamos, Kostas Vassilakis, "Color based subject identification for virtual museum, the case of fish", *IEEE International Conference on Telecommunications and Multimedia (TEMU)*, 2016
- Michael Kalochristianakis, Eleni Vonorta, Andreas Stamoulias, Eftixia Lakka, Kostas Kontakis, Athanasios Malamos, "Experiential educational environments for cultural heritage", *IEEE International Conference on Telecommunications and Multimedia (TEMU)*, 2016
- Michael Kalochristianakis, Athanasios Malamos, Spyros Panagiotakis, Kostas Vassilakis, Manolis Drakakis, "Implementing open courses in TEI Crete, an overview", *11th International Conference on Deregulated Electricity Market Issues in South Eastern Europe The Second Decade (DEMSEE)*, 2016
- Michael Kalochristianakis, Dimitris Katrinakis, Georgia Atsali, Athanasios Malamos, Thrasyvoulos Manios, Spyros Panagiotakis, "HOLISTIC: an IoT system for residential water recycling based on open source technologies", *IEEE International Conference on Telecommunications and Multimedia (TEMU)*, 2016
- Michael Kalochristianakis, D. Kosmopoulos, "A web-based platform for the design of urban transit route networks", *Canadian Arena of Applied Scientific Research international conference (CAAS)* 2015
- Michael Kalochristianakis, D. Kosmopoulos, "A Study And Implementation of The Transit Route Network Design Problem for a Realistic Urban Case", *Fourth International Conference on Advanced Information Technologies and Applications (ICAITA)* 2015
- Michael Kalochristianakis, D. Kosmopoulos, G. Papadourakis, "Integrating GIS, middleware technologies and genetic algorithm frameworks for automated, online public transport decision support systems", *proceedings of the 9th international conference "New horizons in industry business and education" (NHIBE)*, 2015
- M. Kalochristianakis, Markos Zampoglou, Kostas Kontakis, Kostas Kapetanakis, Athanasios Malamos, "Scene integration for virtual worlds", *International Conference on Telecommunications and Multimedia (TEMU)*, 2014, Heraklion, Greece, July 2014
- Kalochristianakis, S. Panagiotakis, K. Vassilakis, "Efficient implementation procedures for extensible e-University solutions", *New Horizons in Industry, Business and Education 2013*, Chania, Crete, to appear
- M. Kalochristianakis, K. Koumoutsos, E. Varvarigos, "Controlling wireless access points with open infrastructure management tools", *7th international DMTF academic alliance workshop on systems and virtualization management: standards and the cloud*, 2013
- M. Kalochristianakis, E. Varvarigos, K. Vassilakis, M. Paraskeyas, "Considerations for successful enterprise information systems deployment: the case of the Greek School Network", *International Conference on Service Systems and Service Management*, 2012, (best paper award)
- M. Kalochristianakis, S. Panagiotakis, K. Vassilakis, "Design considerations for developing e-University solutions based on open source software", *International Conference on Telecommunications and Multimedia 2012 (TEMU 2012)*, Heraklion, Greece, July, 2012
- M. Kalochristianakis, K. Grammatikakis, M. Saldaris, G. Kosmas, I. Mastorakis, F. Chrysou, S. Shore, G. Tzanodaskalakis, E. Varvarigos, "The design of an open, integrated print management system", *International Symposium on Computer, Consumer and Control 2012 (IS3C)*, Taichung, Taiwan, June 2012
- Michael Kalochristianakis, Kostas Grammatikakis, Manolis Saldaris, Irene Mastorakis, Grigoris Tzanodaskalakis, "The design of an open, integrated print charging system", *Proceedings of the 15th Panhellenic Conference on Informatics*, October 2011
- M. Kalochristianakis, E. Varvarigos, "Open source integrated remote systems and network management with OpenRSM", *proceedings of the 4th International DMTF Academic Alliance Workshop on Systems and Virtualization Management: Standards and the Cloud*, 6th international conference on network and service management
- M. Kalochristianakis, M. Paraskeyas, E. Varvarigos, "The Greek school network learning infrastructure", *proceedings of Multi Conference on Computer Science and Information Systems, Internal Association for the Development of the Information Society 2010*
- M. Kalochristianakis, V. Gkamas, G. Mylonas, S. Nikolettseas, J. Rolim, and E. Varvarigos, "An Open and Integrated Management Platform for Wireless Sensor Networks", 2009, *9th International Symposium on Autonomous Decentralized Systems*, International Symposium on Autonomous Decentralized Systems, ISADS, 2009
- M. Kalochristianakis, M. Paraskeyas, E. Varvarigos, "Asynchronous tele-education and computer-enhanced learning services in the Greek School Network", *proceedings of the 1st World Summit of the Knowledge Society 2008 (WSKS 2008)*, *Lecture Notes in Computer Science (LNCS)*, 5288, pp. 234-242
- M. Kalochristianakis, V. Gkamas, G. Mylonas, S. Nikolettseas, E. Varvarigos, J. Rolim, "The design on an open, integrated sensor network management platform", *proceedings of the 11 Asia-Pacific Symposium on Network Operations and Management (APNOMS 08)*, *Lecture Notes in Computer Science (LNCS)* 5297, pp 495-498, Beijing, China

M. Kalochristianakis, M. Paraskeyas, E. Varvarigos, “Deploying cutting-edge educational services in the Greek School Network”, 11th Panhellenic Conference on Informatics, May 2007

Teaching

Course “Applied Statistics”, MSC in Forensic Medicine, Anthropology and Imaging, School of Medicine, University of Crete

Course “Web programming”, Dpt of Applied Information Technology and Multimedia, Technological Educational Institute (TEI) of Crete

Course “Programming I”, Central Dpt, Technological Educational Institute (TEI) of Crete

Course “Introduction to IT I”, Central Dpt, Technological Educational Institute (TEI) of Crete

Course “Introduction to IT II”, Central Dpt, Technological Educational Institute (TEI) of Crete

Course “Προγραμματισμός I”, Central Dpt, Technological Educational Institute (TEI) of Crete

Course “Introduction to IT III”, Central Dpt, Technological Educational Institute (TEI) of Crete

Course “Operating systems”, Dpt of Telecommunication Systems and Networks, Technological Educational Institute (TEI) of Mesologi

Course “Object oriented programming”, Dpt of Telecommunication Systems and Networks, Technological Educational Institute (TEI) of Mesologi