

CV

NAME: EFSTATHIOS KIRKOS



Department: *Accounting and Information Systems – International Hellenic University*

Position: *Professor*

Phone Number: *2310013209*

Email: *stkirk@ihu.gr*

Academic Degrees

Undergraduate level: B.Sc. in Physics, University of Patras

Postgraduate level: M.Sc. in Computation, UMIST

PhD: Department of Informatics, AUTH

Current position:

Head of the Department

Former Positions / Administrative experience

Academic staff

Taught courses:

Academic Experience:

Teaching in Undergraduate Courses:

- *Business Intelligence*
- *Data Mining in Accounting*
- *Information Technology*
- *E Commerce*
- *Data Bases*
- *Programming*

Teaching in Postgraduate Courses:

- Business Analytics
- E Business

Professional Experience:

- Unisoft SA
- Kirkos E. Giozoukloglou D. OE

Academic Research

Cross-references (i.e. according to Google Scholar): 1400

- **1400**

Msc Dissertation Supervision:

PhD Thesis supervision:

- **Papamavroudi Maria**

Participation in Research Projects/programs:

Publication in peer reviewed journals

- Kirkos, E., Spathis, C. & Manolopoulos, Y. (2010). Audit-firm group appointment: an artificial intelligence approach. *Journal of Intelligent Systems in Accounting Finance and Management*, 17(1), 1-17.
- Kirkos, E. (2012). Predicting Auditor Switches by Applying Data Mining. *Journal of Applied Economic Sciences*, 7(3(21)), 246-261.
- Kirkos, E. (2015). Assessing Methodologies for Intelligent Bankruptcy Prediction. *Artificial Intelligence Review*, 43(1), 83-123.
- Papachristodoulou, E., Koutsaki, M., & Kirkos, E. (2017). Business Intelligence and SMEs: Bridging the Gap. *Journal of Intelligence Studies in Business*, 7(1), 70-78.
- Boskou, G., Kirkos, E., & Spathis, C. (2018). Assessing Internal Audit with Text Mining. *Journal of Information and Knowledge Management*, 17(2). DOI: 10.1142/S021964921850020X
- Boskou, G., Kirkos, E., & Spathis, C. (2019). Classifying Internal Audit Quality Using Textual Analysis: The Case of Auditor Selection. *Managerial Auditing Journal* 34(8), 924-950. <https://doi.org/10.1108/MAJ-01-2018-1785>
- Kirkos, E. (2021). Airbnb listings' performance: Determinants and predictive models. *European Journal of Tourism Research*, 30, 3012.

Publications in Books (academic book chapters)

- Kirkos, E. (2010). Modeling the Auditors' Opinions by Using Association Rules. In L.I. Spender (Ed.), *Data Mining and Management*. New York: Nova Publishers.
- Kirkos, E. (2014). Composite Classifiers for Bankruptcy Prediction. In J. Wang (Ed.), *Encyclopedia of Business Analytics and Optimization* (pp. 481-190). Hershey: IGI-Global.

Papers in peer-reviewed international conferences

- Boskou, G., Kirkos, E., & Spathis, C. (2015). Compliance of Food and Beverage Companies as to the Requirements of Internal Audit. *Proceedings HAICTA*, September 2015 Kavala.
- Boskou, G., Kirkos, E., and Spathis, C. (2017). Internal Audit Disclosure Regarding to External Audit in Greece. In Tsounis, N., and Vlachvei, A. (Eds.), *Advances in Applied Economic Research Proceedings of the 2016 International Conference on Applied Economics*, (pp. 691-703). Springer.
- Tachtsidou, K., and Kirkos, E. (2019). Risk Analysis and Decision Support Systems with Data Mining Techniques in Customs Administrations. *Proceedings of the 3rd ICQSBEI*, 24-25 May 2019. Athens
- Kavvadas, Y., and Kirkos, E. (2021). Human Resources Management Analytics in Healthcare Unit. *Proceedings of the 2021 International Conference on Business & Economics of the Hellenic Open University*

Papers in conferences (without proceedings)

Books - Monographs

Κύρκος Ε. (2015) Επιχειρηματική Ευφυΐα και Εξόρυξη Δεδομένων. Ηλεκτρονικό βιβλίο με κριτές στα πλαίσια του προγράμματος Κάλλιπος.

Member of the editorial board of scientific journals

Reviewer

- **European Journal of Operational Research** (Elsevier) (**ABS List, 4 Stars**)
- **Transactions on Evolutionary Computation** (IEEE) (**ABS List, 4 Stars**)
- **Journal of Business Ethics** (Springer) (**ABS List, 3 Stars**)
- **Economic Modelling** (Elsevier) (**ABS List, 2 Stars**)
- **Managerial Auditing Journal** (Emerald) (**ABS List, 2 Stars**)
- **Journal of Evolutionary Economics** (Springer) (**ABS List, 2 Stars**)

Member of scientific committee of academic conferences

Member

- HAICTA 2015 – 7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment, September 17-20, Kavala, Greece.
- HAICTA 2017 – 8th International Conference on Information and Communication Technologies in Agriculture, Food and Environment, September 21-24, C, Greece.
- HAICTA 2020 – 9th International Conference on Information and Communication Technologies in Agriculture, Food and Environment, September 24-27, Thessaloniki, Greece.

Invitations for lectures / conferences / seminars etc.

(e.g. Keynote speaker in...)

Participation in professional-scientific organizations

Research Interests – Work in progress

- *Business Analytics*
- *Business Intelligence*
- *Data Mining*
- *Artificial Intelligence*