T h e o d o r P a n a g i o t a k o p o u l o s

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Theodor Panagiotakopoulos is an Assistant Professor at the Department of Management Science and Technology, University of Patras, in the field of "Internet of Things Applications". He holds a Diploma (2006) and a PhD (2011) from the Department of Electrical and Computer Engineering of the same university. His research interests include Internet of Things technologies, such as cloud platforms, middleware, data analytics and machine learning, and their applications in smart cities, energy, environment, health and education. They also include digital and other skills frameworks, continuing and lifelong education, instructional design, and e-learning platforms and tools. He has more than 90 publications in international journals and conferences and has participated in more than 30 European and national projects. Since 2018, he has been a member of the Adjunct Teaching Staff (Tutor) of the Hellenic Open University: until 2024 in the MSc programme "Mobile and Pervasive Computing Systems", teaching a tutorial group (module SDY51) and supervising master's theses, and since 2024 in the MSc programme "Education and Technologies in Distance Teaching and Learning Systems – Educational Sciences", in module ETA63 and, from 2026, in module ETA51.

Selected Publications

1. **Panagiotakopoulos, T.**, Lazarinis, F., Iatrellis, O., Tsoutsa, P., Fitsilis, P., & Kameas, A. (2026). Effectiveness and key success factors of massive open online courses (MOOCs) for smart city workforce development. *Knowledge Management & E-Learning*,18(2),190. https://doi.org/10.34105/j.kmel.2026.18.009

2. Lazarinis, F., **Panagiotakopoulos, T.**, Armakolas, S., Vonitsanos, G., Iatrellis, O., & Kameas, A. (2025). A blended learning course to support innovative online teaching in higher education. *European Journal of Education*, 60(1), e12820. https://doi.org/10.1111/ejed.12820

3. Iatrellis, O., Samaras, N., Kokkinos, K., & **Panagiotakopoulos, T.** (2024). Leveraging generative AI for sustainable academic advising: Enhancing educational practices through AI-driven recommendations. *Sustainability, 16*(17), 7829. https://doi.org/10.3390/su16177829

4. Liapis, A., Maratou, V., **Panagiotakopoulos, T.**, Katsanos, C., & Kameas, A. (2022). UX evaluation of open MOOC platforms: a comparative study between Moodle and Open edX combining user interaction metrics and wearable biosensors. *Interactive Learning Environments*, 31(10), 6841-685. https://doi.org/10.1080/10494820.2022.2048674

5. Kostopoulos, G., **Panagiotakopoulos, T.**, Kotsiantis, S., Pierrakeas, C., & Kameas, A. (2021). Interpretable Models for Early Prediction of Certification in MOOCs: A Case Study on a MOOC for Smart City Professionals, *IEEE Access*, 9, 165881-165891. https://doi.org/10.1109/ACCESS.2021.3134787