Name: Dr Theofrastos Mantadelis

Job Title: Assistant Professor

Studies:

- 2008 – 2012: PhD in Computer Science, Catholic University of Leuven, Belgium
- Thesis: Efficient Algorithms for Prolog-Based Probabilistic Logic Programming
- 2006 – 2007: MSc in Artificial Intelligence, Catholic University of Leuven, Belgium
- Thesis: Software Security through Targeted Diversification
- 2000 – 2005: Diploma in Electronic Calculating Systems Engineering, Polytechnic University of Piraeus, Greece
- Thesis: Digital Image Treatment, Abstraction of Noise with Wavelets

Work Experience:

- 09/2023 – present: Assistant Professor (Ctl Eurocollege, Cyprus)
- 10/2021 – 6/2023: Assistant Professor (Ledra College, Cyprus)
- 2018 – present: Research Associate (Maastricht School of Management (MSM), Netherlands)
- 9/2017 – present: Artificial Intelligence Consultant (Freelancer)

Research:

- 10/2012 – 1/2020: Senior Researcher (Post-Doc)
- 1/2019 – 1/2020: Open University of Cyprus & RISE: Research center for Interactive media Smart systems and Emerging technologies, Cyprus.
- 11/2017 – 1/2019: University of Perugia, Italy.
- 11/2013 – 6/2017: University of Porto, Portugal.
- 10/2012 – 4/2013: Katholieke Universiteit of Leuven, Belgium.

Member in Councils:

- 1/2023 – present: Fundingbox A.I. Expert
- 1/2023 – present: Slovak Research and Development Agency
- 1/2022 – present: European Commission A.I. Expert

Selected Publications:

- IJAR 2020: Mantadelis T., Bistarelli S. - Probabilistic Abstract Argumentation Frameworks, A Possible World View
- JELIA 2019: Bistarelli S., Mantadelis T. - A Possible World View and a Normal Form for the Constellation Semantics.
- JBHI 2018: Jorge Oliveira, Francesco Renna, Theofrastos Mantadelis, Miguel Coimbra – Adaptive Sojourn Time HSMM for Heart Sound Segmentation.
- PADL 2017: Mantadelis T., Rocha R. – Using Iterative Deepening for Probabilistic Logic Inference.
- EMBC 2016: Oliveira J., Mantadelis T., Coimbra M. – Why should you model time when you use Markov Models for heart sound analysis.
- LPNMR 2015: Mantadelis T., Shterionov D., Janssens G. – Compacting Boolean Formulae for Inference in Probabilistic Logic Programming.

- TPLP 2014: Mantadelis T., Rocha R., Moura P. – Tabling, Rational Terms, and Coinduction Finally Together!
- ICLP 2013: Shterionov D., Mantadelis T., Janssens G. – Pattern-Based Compaction for ProbLog Inference.
- JAIHC 2012: Paridel K., Mantadelis T., Yasar A., Preuveneers D., Janssens G., Vanrompay Y., Berbers Y. – Analyzing the efficiency of context-based grouping on collaboration in VANETs with large-scale simulation.

International Recognition of Work & Awards:

Scholarships/Projects Awarded: Argumentation for ChatBot 4.0
Scholarships/Projects Awarded: SIBILA (NORTE-07-124-FEDER-000059), Concurrency in Probabilistic Logic Programming (AE2015-0063), Concurrency and Optimizations in Probabilistic Logic Programming (SMILeS-PL02024)
Scholarships/Projects Awarded: GOA/08/008 Probabilistic Logic Learning