



Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Papadopoulos
Name:	Harris
Rank/Position:	Assistant Professor
School:	School of Engineering
Department:	Electrical Engineering, Computer Engineering and Informatics
Scientific Domain:	Machine Learning

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD in Machine Learning	2004	Royal Holloway, University of London	Computer Science	Qualified Predictions for Large Data Sets
BSc in Computer Science	1999	Royal Holloway, University of London	Computer Science	Implementing a Turing Machine using String Rewriting

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
Feb. 2016	Present	Frederick University	Cyprus	Assistant Professor
Oct. 2007	Jan. 2016	Frederick University	Cyprus	Lecturer
Dec. 2008	Present	Royal Holloway, University of London	London	Visiting Fellow

Key refereed journal papers, monographs, books, conference publications etc. (up to ten until May 2021)

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2020	A histogram based betting function for conformal martingales	C. Eliades	PMLR, Journal of Machine Learning Research	128	100-113
2	2019	A Deep Neural Network Conformal Predictor for Multi-label Text Classification	A. Paisios, L. Lenc, J. Martinek, P. Král	PMLR, Journal of Machine Learning Research	105	228-245
3	2018	Automatic face recognition with well-calibrated confidence measures	C. Eliades, L. Lenc, P. Král	Machine Learning. Springer	-	-
4	2018	Android Malware Detection with Unbiased Confidence Guarantees	N. Georgiou, C. Eliades, A. Konstantinidis	Neurocomputing, Elsevier	280	3-12
5	2017	Unbiased Confidence Measures for Stroke Risk Estimation based on Ultrasound Carotid Image Analysis	E. Kyriacou, A. Nicolaidis	Neural Computing and Applications, Springer	28	1209-1223
6	2015	Vesicoureteral Reflux Detection with Reliable Probabilistic Outputs	G. Anastassopoulos	Information Sciences, Elsevier	308	113-124
7	2013	Reliable Probabilistic Classification with Neural Networks	-	Neurocomputing, Elsevier	107	59-68
8	2011	Regression Conformal Prediction with Nearest Neighbours	V. Vovk, A. Gammerman	Journal of Artificial Intelligence Research	40	815-840
9	2011	Reliable Prediction Intervals with Regression Neural Networks	H. Haralambous	Neural Networks, Elsevier	24	842-851
10	2011	Reliable Confidence Measures for Medical Diagnosis with Evolutionary Algorithms	A. Lambrou, A. Gammerman	IEEE Transactions on Information Technology in Biomedicine	15	93-99

Research Projects (up to ten until May 2021)				
Ref. Number	Date	Title	Funded by	Project Role
1	2020 – 2023	DEFEAT: Development of an Innovative Insulation Fire Resistant Façade from the Construction and Demolition Waste	Research and Innovation Foundation	WP Leader
2	2019 – 2022	EnterCY: Enhancing Tourist Experience in Cyprus	Research and Innovation Foundation	Project Coordinator
3	2014 – 2016	Investigation of earthquake signatures on the ionosphere over Europe	Research and Innovation Foundation	Researcher
4	2012 – 2014	Cyprus Ionospheric Forecasting Service	Research and Innovation Foundation	Researcher
5	2011 – 2013	Development of New Venn Prediction Methods for Osteoporosis Risk Assessment	Research and Innovation Foundation	Project Coordinator
6	2011 – 2013	Monitoring, Modelling and Prediction of HF Spectral Occupancy over Cyprus	Research and Innovation Foundation	Co-Principal Investigator
7	2006 – 2010	Development of New Conformal Prediction Methods with Applications in Medical Diagnosis	Research and Innovation Foundation	Project Coordinator
8	2004 – 2007	Development and Evaluation of Novel Technologies for the Planning and Scheduling in Small and Medium Enterprises	Research and Innovation Foundation	Researcher
9	1999 – 2002	Comparison of the Support Vector Machine and Minimum Message Length Methods for Induction and Prediction	Engineering and Physical Sciences Research Council (EPSRC), UK	Research Assistant

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	Jan 2015 - Dec 2018	Evolving Systems Journal (Springer)	Associate Editor	
2	2015 and 2012	International Journal of Artificial Intelligence Tools (World Scientific)	Guest Editor	
3	2015	Annals of Mathematics and Artificial Intelligence Journal (Springer)	Guest Editor	
4	2013	Intelligent Decision Technologies Journal (IOS Press)	Guest Editor	

Awards / International Recognition			
Ref. Number	Date	Title	Awarded by:
1	Sept 2019	Best Paper award	8th International Symposium on Conformal and Probabilistic Prediction with Applications (COPA 2019)
2	April 2019	Invited talk: Quantifying Uncertainty in Machine Learning using Conformal Prediction	University of West Bohemia, Pilsen, Czech Republic
3	Sept. 2018	Invited talk: Conformal Prediction: Machine Learning with Well-calibrated Confidence Information	China University of Petroleum, Beijing, China
4	Jul. 2017	Invited talk: Quantifying Uncertainty in Machine Learning using Conformal Prediction	Bangkok University, Bangkok, Thailand

5	Sept. 2016	Invited lecture series: Conformal Prediction: Basics, Classification, Regression and Venn Prediction	China University of Petroleum, Beijing, China
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