



Academic Personnel Short Profile / Short CV

University:	National Technical University of Athens/IBM
Surname:	Kollia
Name:	Ilianna
Rank:	
Faculty:	Researcher
Department:	School of Electrical and Computer Engineering
Scientific Domain: *	Artificial Intelligence

* *Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
Ph.D. in Artificial Intelligence and Machine Learning	2014	National Technical University of Athens (NTUA)	School of Electrical and Computer Engineering (Computer Science Division)	Optimizing Query Answering over Expressive Ontological Knowledge
M.Sc. in Computer Science	2010	University of Oxford	Department of Computer Science	Answering SPARQL Queries over OWL Ontologies
MBA in Computational Finance Systems	2016	NTUA (and University of Piraeus)	School of Electrical and Computer Engineering	Big Data Analysis using Symbolic Techniques and Artificial Neural Networks
Diploma/B.Sc. in Computer Science	2009	NTUA	School of Electrical and Computer Engineering	Representation and Adaptation of Knowledge in Multimedia

Employment history – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
10/2014	now	IBM	Athens, Greece	Consultant/Researcher

01/2011	09/2015	Institute of Communication and Computer Systems (ICCS)	Athens, Greece	Research Associate/ Research Scientist
01/2011	03/2014	School of Electrical and Computer Engineering, NTUA	Athens, Greece	Research Scientist

Key <u>refereed</u> journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2019	Predicting Parkinson's Disease using Latent Information extracted from Deep Neural Networks	Andreas-Georgios Stafylopatis, Stefanos Kollias	IEEE International Joint Conference on Neural Networks (IJCNN)		
2	2019	A Deep Learning Approach for Load Forecasting of Power Systems	Stefanos Kollias	IEEE Symposium Series on Computational Intelligence (SSCI)		
3	2016	Using the IBM Watson Cognitive System in Educational Contexts	George Siolas	IEEE Symposium Series on Computational Intelligence (SSCI)		
4	2015	Lower and Upper Bounds for SPARQL Queries over OWL Ontologies	Birte Glimm, Yevgeny Kazakov, Giorgos B. Stamou	AAAI Conference on Artificial Intelligence (AAAI)		
5	2014	Web Reasoning for Cultural Heritage	Alexandros Chortaras, Nasos Drosopoulos, Nikolaos Simou	International Conference on Web Reasoning and Rule Systems (RR)		
6	2013	Optimizing SPARQL Query Answering over OWL Ontologies	Birte Glimm	Journal of Artificial Intelligence Research	48	253-303
7	2012	Cost based Query Ordering over OWL Ontologies	Birte Glimm	International Semantic Web Conference (ISWC)		
8	2012	Improving Semantic Search in Digital Libraries using Multimedia Analysis	Yannis Kalantidis, Kostas Rapantzikos, Andreas Stafylopatis	Journal of Multimedia	7	193-204
9	2012	A Systemic Approach for Effective Semantic Access to Cultural Content	Vassilis Tzouvaras, Nasos Drosopoulos, Giorgos Stamou	Semantic Web Journal	3	65-83

10	2011	SPARQL Query Answering over OWL Ontologies	Birte Glimm, Ian Horrocks	Extended Semantic Web Conference (ESWC)		

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	04/2014-09/2015	Dariah-GR: Greek Research Infrastructure Network for the Humanities (http://www.dyas-net.gr)	General Secretariat for Research and Technology	Researcher
2	11/2012 to 5/2013 and 1/2014 to 11/2014	IS-Helleana: Intelligent System for Hellenic Audiovisual National Aggregator	General Secretariat for Research and Technology	Researcher
3	1/2013 to 12/2014	IKYDA Collaboration Program between NTUA - University of Ulm	IKY and DAAD fellowship	Researcher
4	10/2012 to 2/2013	Europeana Fashion: European Commission Best Practice Network, CIP-ICT-PSP.2011.2.1	European Commission	Researcher
5	5/2012 to 10/2012	Dynamic Query Planning for Querying Ontologies	Transregional Collaborative Research Centre SFB TRR 62, German Research Council	Researcher
6	1/2011 to 6/2011 and 1/2012 to 5/2012	FP7-Infrastructures: International Network for a Digital Cultural Heritage e-Infrastructure	European Commission	Researcher

**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities

1	3/2019 - today	European Commission	Expert	Reviewer of proposals
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