PERSONAL INFORMATION

Family name, First name: **Zissis, Dimitrios**

Researcher Profile: https://scholar.google.com/citations?hl=en&user=NgttyZgAAAAJ ||

ORCHID ID: 0000-0003-2870-2656

- **CURRENT POSITION(S)**

2016 –present   Associate Professor, Department of Product and Systems Design Engineering, University of the Aegean, Syros, Greece

- **EDUCATION**

2011   PhD Information and Communication Systems, Department of Product and Systems Design Engineering, University of the Aegean, Syros, Greece.

2005   Master of Science (MSc), Computing and Information Systems, John Moore's University of Liverpool, UK

2004   Bachelor of Science (BSc) in Computer Science (Hons), The University of Liverpool, UK

- **ORGANISATION   OF   SCIENTIFIC   MEETINGS   AND   SPECIAL   ISSUE PUBLICATIONS***(since 2015)*

2018   Guest Editor, Special Issue on High Performance Services Computing and Internet Technologies, Future Generation Computer Systems, Elsevier

2017   Invited Session Chair, The 23rd ICE/IEEE International Technology Management Conference, Madeira, Portugal

2017   Guest Editor, Special Issue on Spatiotemporal Big Data Challenges, Approaches, and Solutions, Future Generation Computer Systems, Elsevier

2016   Guest Editor, Special Issue on Software Architectures and Systems for Real Time Data Stream Analytics, Journal of Systems and Software, Elsevier

2015   Organiser/Chair, IEEE International Workshop on Real Time Data Stream Analytics (RTStreams 2015), held in conjunction with IEEE BigDataSE-15, Helsinki, Finland

- **COMMISSIONS OF TRUST** *(since 2015)*

2018 –   Program Chair, International Workshop on Big Mobility Data Analytics (**BMDA**), co-located with EDBT/ICDT Conference, March 26, 2018, Vienna, Austria

2018   Program Chair, International Workshop on Semantic Big Data, **ACM SIGMOD** 2018

2017   Program Chair, International Workshop on Cloud Computing Security: Threats, Intelligence, and Mitigation (**CCSTIM**), In conjunction with the 10th IEEE/ACM International Conference on Utility and Cloud Computing (UCC)

2017   Program Chair, International Workshop on Semantic Big Data, **ACM SIGMOD 2017**

2017   Program Chair, Special Session on High Performance Services Computing and Internet Technologies (**SerCo 2017**), The International Conference on High Performance Computing & Simulation (HPCS 2017)

2017   Editor, International Journal of Internet of Things and Cyber-Assurance, Inderscience

2017   Program Chair, 22nd IEEE Symposium on Computers and Communications (**ISCC 2017**)

2017   Program Chair, Conference on the Economics of Grids, Clouds, Systems, and Services, **GECON** 2017

2016   Program Chair, Conference on the Economics of Grids, Clouds, Systems, and Services, **GECON** 2016

2016   Program Chair, IEEE International Workshop on Maritime Domain Data Mining (**MDDM** 2016) held in conjunction with The IEEE International Conference on Data Mining series

2016   Program Chair, International Workshop on Semantic Big Data, ACM **SIGMOD** 2016

2016   Program Chair, International Joint Conference on Electronic Voting, **E-VOTE**-ID 2016

2015   Program Chair, IEEE Wireless Communications and Networking Conference

2015   Program Chair, 7th International Conference on Cloud Computing Technology and Science, **CLOUDCOM'15**

2015 present   Editor, Future Generation Computer Systems (**FGCS**), Elsevier

2010–2017: **Reviewer** for *(only journals listed)* ACM Computing Reviews; ACM Transactions on Multimedia Computing Communications and Applications; Computers & Security, Elsevier ; Concurrency and Computation: Practice and Experience, Wiley; Electronic Journal of e-Government, Academic Publishing; Evolving Systems, Springer; Frontiers of Information Technology & Electronic Engineering, Springer; Future Generation Computer Systems, Elsevier; Government Information Quarterly, Elsevier; IEEE Cloud Computing; IEEE Design & Test; IEEE Transactions on Cloud Computing; IEEE Transactions on Computers;

IEEE Transactions on Information Forensics & Security; IEEE Transactions on Services Computing; IET Software; Information and Software Technology, Elsevier; Information Fusion, Elsevier; Information Security Journal: A Global Perspective. Taylor & Francis; International Journal of Artificial Intelligence and Soft Computing, Inderscience Publishers; International Journal of Cloud Computing, Inderscience Publishers; International Journal of Communication Networks and Distributed Systems (IJCNDS); Inderscience Publishers; International Journal Of Computer Applications In Technology, Inderscience Publishers ; International Journal of Information and Communication Technology, Inderscience; Journal of Ambient Intelligence and Humanized Computing, Springer; Journal of Grid Computing, Springer; Journal of Internet Services and Applications, Springer; Journal of Systems and Software, Elsevier; Open Journal of Cloud Computing; Scientific Research and Essays, Academic Journals; Security and Communication Networks, Wiley & Son

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

I am a member of the IEEE Computer Society, the IEEE Internet of Things Technical Community, the IEEE Big Data Technical Community, the IEEE Cloud Computing Technical Community, the IEEE Intelligent Transportation Systems Society and the Young Researchers Committee of the World Federation on Soft Computing and the Big Data Value Association-BDVA (the private counterpart to the EU Commission to implement the BDV PPP programme).

HIGHLIGHTED PUBLICATIONS (top 5)

2017   G Spiliopoulos, **D Zissis**, K Chatzikokolakis, A Big Data Driven Approach to Extracting Global Trade Patterns, Mobility Analytics for Spatio-temporal and Social Data with VLDB 2017

2017   A Valsamis, K Tserpes, **D Zissis**, D Anagnostopoulos, T Varvarigou, Employing traditional machine learning algorithms for big data streams analysis: The case of object trajectory prediction, Journal of Systems and Software 127, 249-257, 2017

2016   L. M. Millefiori, **D. Zissis**, L. Cazzanti and G. Arcieri, "A distributed approach to estimating sea port operational regions from lots of AIS data" 2016 IEEE International Conference on Big Data (**IEEE Big Data**), Washington, DC, 2016, pp. 1627-1632

2015   **Dimitrios Zissis**, Elias K. Xidias, Dimitrios Lekkas, A cloud based architecture capable of perceiving and predicting multiple vessel behaviour, In **Applied Soft Computing**, Volume 35, 2015, Pages 652-661, ISSN 1568-4946

2012   **Dimitrios Zissis**, Dimitrios Lekkas, Addressing cloud computing security issues, In Future Generation Computer Systems, Volume 28, Issue 3, 2012, Pages 583-592, ISSN 0167-739X, https://doi.org/10.1016/j.future.2010.12.006.

- **INVITED PRESENTATIONS**

2017   Invited Presentation, Challenges to exploit Big Maritime Data Workshop, 5th Hellenic Forum For Science Technology and Innovation, Demokritos National Centre for Scientific Research, Athens Greece

2017   Invited Presentation, Big Data Value Association, Activity Group, Brussels

2016   Invited Presentation, Maritime knowledge discovery and Anomaly Detection Workshop, European Commission – Joint Research Centre, Ispra (Italy)