

Curriculum Vitae

Of George Papastefanatos

1. Personal Info

Surname \ FirstName Papastefanatos George
Date of Birth 5 May 1977
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2. Education

- **February 2009:** Ph.D. Computer Science, School of Electrical and Computer Engineering, National Technical University of Athens (NTUA).
- **October 2000:** Diploma, School of Electrical and Computer Engineering, NTUA.

3. Research Interests and Achievements

- **Data Web**
 - Web Data dynamics has been a primary focus of my research, involving problems related to **Linked Data Evolution & Archiving, Temporal & Change Modelling, Change Propagation and Synchronization, Proactive design, and Benchmarking**. I was actively involved in the [DIACHRON](#) project, which addressed many of the above issues.
 - **Multidimensional modeling & Statistical Linked Data**. I have coordinated www.linked-statistics.gr, a project that makes available in the form of Linked Data, socio-economic and socio-demographic data, from the Hellenic Statistical Authority.
 - Another line of ongoing work is in the area of **RDF Indexing** and **Query Processing in RDF stores**. We have developed a scalable approach for query processing of large RDF stores, based on a novel indexing technique, called Extended Characteristic Sets.
 - Using data web technologies for creating and managing **Personal dataspace**s is an active research work. We have developed www.linkzoo.gr, a web-based, linked data enabled tool that supports collaborative management of information resources, enabling users to create and manage diverse types of resources into common spaces such as files, web documents, people, datasets and calendar events.
 - A recent project I have coordinated, deals with the **Semantic Representation of Legal Documents**. We have developed a framework for automatic Structuring and Semantic Indexing of Legal Documents, used in the [electronic library](#) of the Greek General Secretariat of Public Revenue (in Greek).
- **Big Data Integration**
 - A second area of interest concerns **Entity resolution** in Big Data Integration settings, such as duplicate detection and entity interlinking. I have worked on **Blocking \ Meta-blocking** techniques as well as on **Entity Resolution Parallelization techniques** for improving the

performance and quality of the process. In this context, I have been involved in [OpenAire](#) project, where we have developed a scalable framework for interlinking scholarly data.

- **Data analytics**
 - An active direction in my research concerns the areas of **Data visualization** and **Visual Analytics**. We have developed www.socioscope.gr a visual analysis tool, used for visualization and exploration of social and political data.
 - Also, I am interested in **Data Exploration** techniques, with a focus on very large **graph data**. [GraphVizDB](#) is a tool that enables the visualization and exploration of very large graphs.
 - I have also worked on **OLAP analytics on the Web**. We have developed an approach that analyzes and detects relationships in OLAP data published on the web.
- **Data-Centric Ecosystems, Database Quality Metrics**
 - A long standing research interest is on Data-Centric Information Systems, and issues related to their schema evolution, the representation of dependencies and automatic repairing of syntactic and semantic inconsistencies due to maintenance operations. I am also interested in the evaluation of design quality metrics and the construction of design patterns for these environments. I have developed [Hecataeus](#), which combines the representation and management of evolution processes into a powerful tool.

4. Work Experience

- **Jan 2009 - today:** Research Associate, *Institute for the Management of Information Systems (IMIS), Research Center "ATHENA"*, Athens, Greece, Participation and Coordination of EU and national research projects.
- **Apr.2006 – Dec. 2015** : External IT Expert, *National Statistical Service of Greece*, Athens, Greece, Consulting services regarding design and data management issues (performance optimization, ETL, interoperability) for the organization's information systems.
- **Jan. 2008 – Dec. 2009** : Project Coordinator, *Knowledge Society Ltd.* Development of e-diagnosis project.
- **Jan. 2005 – Dec. 2007** : Project Coordinator, *ETVA VI.PE. S.A.* (member of the Piraeus Bank Group of Companies specializing in real estate banking), Implementation of the company's CRM and the MIS for the administration of industrial areas.
- **Mar. 2006 – Dec. 2006** : Project Coordinator, *Greek Ministry of Education (EPEAEK Initiative)*, Implementation of the organization's information system for the management of EU-funded projects.
- **Sep. 2004 – June 2005** : Database Engineer, *Citibank* (Marketing Department), Database Engineer Migration and optimization issues for the RDBMS of the department.
- **Mar. 2004 – May 2004** : Software Engineer, *Semantix S.A.*
- **Sep. 2002 – Dec. 2003** : Software Engineer, *Institute of Communications and Computer Systems, System Engineer (ICCS)*. Participation in the "Thrace – Macedonia" research project.
- **June 2002 – June 2003** : Software Engineer, *Institute of Communications and Computer Systems, System Engineer (ICCS)*. Participation in the CONFIDENT research project (FP5-IST)
- **June 2002 – June 2003** : Technical Expert, *National Technical University of Athens*, Study for the support of ICT Courses in the School of Electrical and Computer Engineering (EPEAEK II).
- **Feb. 2002 – June 2002** : Project Coordinator, *EDISINET S.A.*, Development of the evaluation system for the HR department of SHELL Hellas.
- **Feb. 2002 – Mar. 2002** : Project Coordinator, *Carrefour S.A.*, Development of the company's HR database.
- **Nov. 2001 – Dec. 2001** : Software Engineer, *Intrasoft S.A.*, Development of the banking information system of the Hellenic Post S.A.
- **Jan. 2001 – Oct. 2001:** Software Engineer, *KEY Ltd.*

5. Teaching Experience

- **2009– 2011** : Adjunct Lecturer – “Databases” (Postgraduate course - University of Peloponnese - Department of Computer Science and Technology).
- **2007 –2008 & 2010-2011**: Adjunct Lecturer - “Analysis and Design of Database Management Systems” (Undergraduate course - Department of Information Systems Management, National School of Public Administration – 2nd semester).
- **2001 – 2007**: Teaching assistant –“Analysis and Design of Information Systems” (Undergraduate course, School of Electrical and Computer Engineering, NTUA - 9th semester).
- **2004 – 2007**: Seminar Instructor of Oracle technologies (PL/SQL, DBA, JDeveloper, etc.) – (Training Institute, National Center of Public Administration).
- **2002 – 2016**: NTUA, Co- supervision of the following Diploma Thesis.
 - F. Anagnostou:“HECATAEUS: Software System for Database Schema Representation and Evolution” (Knowledge and Database Systems Laboratory, School of Electrical and Computer Engineering, NTUA), 2007.
 - K. Kyzirakos:“ HECATAEUS: A framework for representing SQL constructs as graphs” (Knowledge and Database Systems Laboratory, School of Electrical and Computer Engineering, NTUA), 2005.
 - G. Riskas:“Factual Data Management System” (Knowledge and Database Systems Laboratory, School of Electrical and Computer Engineering, NTUA), 2003.
 - K. Karampelas:“Design and Development of a Document Indexing Framework with Composite Hierarchies based on XML” (Knowledge and Database Systems Laboratory, School of Electrical and Computer Engineering, NTUA), 2003.
- **2009 –** : RC ATHENA\IMIS, Supervision of the following Diploma Thesis.
 - D. Georgiou: “Publishing of spatiotemporal mobile data to linked data”. (Department of Informatics, University of Athens), 2016.
 - J.Kanakakis: “Linked Data Integration”, (School of Electrical and Computer Engineering, NTUA), 2013.
 - M.Skourla: “Linked Open Data Visualization”, (School of Electrical and Computer Engineering, NTUA), 2013.
 - S. Maroulis: “Development of a multi-tenant database management system”, (School of Electrical and Computer Engineering, NTUA), 2013.
 - N Varotsis: “Development of a web application system for national elections”, (Technological Education Institute Lamias), 2010.
- **2013 –** : RC ATHENA\IMIS, Co-Supervision of the following PhD
 - M.Meimaris – PhD Candidate in University of Thessaly (Evolution and archiving of Linked RDF data)
 - G. Alexiou – PhD Candidate in National Technical University of Athens (Entity disambiguation and data interlinking)
 - S. Maroulis – PhD Candidate in National Technical University of Athens (Visual Analytics techniques)

6. Languages

- Greek (native), English (fluently), German (basic)

7. Participation in research projects

- **2016 -** : RC ATHENA\IMIS, Senior Researcher «SlideWiki - Large-Scale Pilots For Collaborative Opencourseware Authoring, Multiplatform Delivery And Learning Analytics». H2020 – ICT -

Technologies for better human learning and teaching.

- **2015 - :** RC ATHENA\IMIS, Senior Researcher, «OpenAIRE2020 - Open Access Infrastructure for Research in Europe towards 2020». H2020 - e-Infrastructures.
- **2015:** RC ATHENA\IMIS, Project Coordinator, «Electronic Library of the General Secretariat for Public Revenue». Public Tender, NSRF 2007-2013.
- **2013 - 2015:** RC ATHENA\IMIS, Principal Investigator «SoDaMap - Dynamic Management and Spatial Representation of Social and Demographic Data». Call “KRIPIS” \ General Secretariat for Research and Technology (GSRT).
- **2013 - 2015:** RC ATHENA\IMIS, Senior Researcher, «MEDA– Efficient Management for Big Data – Challenges, Methods and Techniques», Call “KRIPIS”\GSRT.
- **2013 - 2016:** RC ATHENA\IMIS, Senior Researcher, «DIACHRON – Managing the Evolution and Preservation of the Data Web», FP7 – IP.
- **2012 - 2015 :** RC ATHENA\IMIS, Senior Researcher and coordinator, «EICOS»: foundations for perSONalized Cooperative Information Ecosystems. Call “Thalis”\GSRT.
- **2011 - 2014:** RC ATHENA\IMIS, Senior Researcher «ARCOMEM – ARchiving COLlective MEMories», FP7 – IP.
- **2011 - 2013:** RC ATHENA\IMIS, Senior Researcher and coordinator, «CAP - Common Airport Point». Call “Synergasia”\ GSRT.
- **2005 – 2006:** NTUA, Junior Researcher «Modeling, Optimization and Evaluation of workflows in data management applications». Call “Pithagoras II” \ GSRT.
- **2003 – 2004:** ICCS. Software Engineer, CONFIDENT Project, FP6-IST.
- **2002 – 2003:** ICCS. Software Engineer, “Thrace – Macedonia” research project.

8. Professional Activities

- **Organizing committee**
 - 2nd International Workshop on Preservation of Evolving Big Data (DIACHRON 2016) in conjunction with EDBT 2016 (Bordeaux, France)
- **PC Member**
 - 2nd International Workshop on Machine learning, Optimization and Big Data - MOD 2016
 - International Conference on Data Management Technologies and Applications (DATA’12,13,14,15,16, 17)
 - 7th , 8th International Workshop on Data Engineering meets the Semantic Web (DESWeb) In conjunction with ICDE 2016 , 2017
 - 1st , 2nd , 3rd Workshop on Managing the Evolution and Preservation of the Data Web (MEPDaW 2015, 2016, 2017)
 - International Conference on Advances in Databases, Knowledge, and Data Applications (DBKDA 2014, 2015)
 - 3rd Workshop on Hot Topics in Software Upgrades (HotSWUp’11) in conjunction with ICDE’11
- **Reviewer in international Journals**
 - The VLDB Journal
 - Elsevier - Information and Software Technology (IST)
 - Elsevier - Journal of Intelligent Information Systems
 - Korea Information Processing Society (KIPS) - Journal of Information Processing Systems
 - Springer - Journal of Software and Systems Modeling
 - Oxford Journals – The Computer Journal
 - Computer Science and Information Systems – ComSIS
- **External Reviewer.** International Conference on Very Large Databases (VLDB), ACM International

Conference on Management of Data (ACM SIGMOD), International Conference on Data Engineering (ICDE), ACM International Conference on Information and Knowledge Management (CIKM), International Conference on Business Process Management (BPM), International Conference on Data Warehousing and Knowledge Discovery (DaWaK), International Conference on Advanced Information Systems Engineering (CAISE), Panhellenic Conf. on Informatics (PCI).

- **Invited Talks**

- **Dec. 2016:** «Preparing for change», Panel speaker, In International Conference and Meeting “Acting on Change: New Approaches and Future Practices in Long term Digital Preservation” organized by Digital Preservation Coalition and PERICLES FP7 project, London UK.
- **Dec. 2016:** « Proactive data management - where are we now and where are we going?», Keynote speaker, In International Conference and Meeting “Acting on Change: New Approaches and Future Practices in Long term Digital Preservation” organized by Digital Preservation Coalition and PERICLES FP7 project, London UK.
- **Nov. 2015:** «Entity resolution for big data integration» MEDA Project Workshop.
- **Nov. 2015:** «Socioscope.gr: A web based platform for visual analysis of social data». Workshops at Technological University of Cyprus, University of Athens, and Aristotle University of Thessaloniki.
- **Nov. 2015:** «Linked-statistics.gr: Publishing Linked Statistical Open Data on the web». Workshops at Technological University of Cyprus, University of Athens, and Aristotle University of Thessaloniki.
- **Nov. 2013:** «Challenges and Opportunities in the Evolving Data web», Keynote speaker, In 1st International Workshop on Modeling and Management of Big Data (MoBiD), November 13, 2013, Hong Kong.
- **Feb. 2013.** «Managing the Evolution and Preservation of the Data Web». Presentation of the Diachron Project in the Open Data Day 2013, Athens, Greece.
- **Feb. 2010.** «Tutorial on schema evolution». DBLAB\NTUA.

- **Evaluator of Research Projects**

- 2013-2015: Call «Support to enterprises for employing highly-skilled scientific personnel» - GSRT.
- 2013-2015: Call «Supporting employment of research personnel in enterprises» - GSRT.

9. Awards and distinctions

- **2015:** Best Poster Paper award for “N. Bikakis, J. Liagouris, M. Krommyda, G. Papastefanatos, T.Sellis. Towards Scalable Visual Exploration of Very Large RDF Graphs. In 12th Extended Semantic Web Conference (ESWC2015) – Poster Track, Portoroz, Slovenia, June, 2015”
- **2013:** Best Paper Award for “G. Papastefanatos, Y. Stavarakas, T. Galani. Capturing the History and Change Structure of Evolving Data. In 5th International Conference on Advances in Databases, Knowledge, and Data Applications (DBKDA 2013), Seville, Spain, January 2013”
- **2009:** «Thomaidio Award» \ NTUA

10.Member of Professional Associations

- Institute of Electrical and Electronics Engineers (IEEE)
- Technical Chamber of Greece (TEE)
- The Hellenic Association of Mechanical & Electrical Engineers
- Greek Computer Society (IFIP member)

11.Publications

Books\Chapter in Books

- B2. G. Papastefanatos and S. Maroulis: Socioscope - A visual analytics platform for open socioeconomic data. In “Transformations of Protest in Greece”, Stathopoulou, T (ed.), Papazisis publishers & EKKE. (ahead of print).
- B1. P. Manousis, P. Vassiliadis, A. Zarras and G. Papastefanatos: Schema Evolution for Databases and Data Warehouses, Lecture Notes in Business Information Processing (253), Springer 2016, ISBN 978-3-319-39242-4.

International Refereed Journals

- J10 V. Efthymiou, G. Papadakis, G. Papastefanatos, K. Stefanidis, T. Palpanas. Parallel Metablocking: Realizing Scalable Entity Resolution. (To appear).
- J9 G. Papadakis, G. Papastefanatos, T. Palpanas, M. Koubarakis. Boosting the efficiency of large-scale entity resolution with enhanced meta-blocking. In Journal of Big Data research (pre-press), DOI: 10.1016/j.bdr.2016.08.002
- J8 M. Meimaris, G. Papastefanatos, S. Viglas, Y. Stavrakas, C. Pateritsas. A Query Language for Multi-version Data Web Archives. In Journal of Expert Systems, Volume 33, Issue 4, Pages 383–404, August 2016, DOI : 10.1111/exsy.12157
- J7 N. Bikakis, G. Papastefanatos, M. Skourla, T. Sellis. Hierarchical Visual Exploration and Analysis on the Web of Data. In Semantic Web Journal (accepted for publication, to appear).
- J6 George Papadakis, George Alexiou, George Papastefanatos, Georgia Koutrika. Schema-agnostic vs Schema-based Configurations for Blocking Methods on Homogeneous Data. In PVLDB Vol 9(4): 312-323 (December 2015)
- J5 P. Manousis, P. Vassiliadis, G. Papastefanatos. Impact Analysis and Policy-Conforming Rewriting of Evolving Data-Intensive Ecosystems. In Journal on Data Semantics, vol. 4, no. 4, pages 31-267, doi: 10.1007/s13740-015-0050-3, 2015
- J4 I. Petrou, M. Meimaris, G. Papastefanatos. Towards a methodology for publishing Linked Open Statistical Data. In JeDEM 6(1): 97-105, December 2014.
- J3 G. Papadakis, G. Papastefanatos, G. Koutrika. Supervised Meta-blocking. In PVLDB Vol7, September 2014.
- J2. G. Papastefanatos, P.Vassiliadis, A.Simitsis, Y.Vassiliou. Metrics for the Prediction of Evolution Impact in ETL Ecosystems: A Case Study. In Journal on Data Semantics 1(2): 75-97 (2012).
- J1. G. Papastefanatos, P. Vassiliadis, A. Simitsis, Y. Vassiliou. Policy-regulated Management of ETL Evolution. In Journal on Data Semantics, Vol. XIII, pp. 146–176, Springer LNCS, 2009.

International Conferences \ Workshops

- C41. M. Koniaris, G. Papastefanatos, Y. Vassiliou: Towards Automatic Structuring and Semantic Indexing of Legal Documents. In 20th Panhellenic Conference on Informatics (PCI'16), Patras Greece, 10 – 12 November 2016.
- C40 M. Meimaris, G. Papastefanatos. The EvoGen Benchmark Suite for Evolving RDF Data. In 2nd Workshop on Managing the Evolution and Preservation of the Data Web (MEPDaW 2016) co-located with 13th European Semantic Web Conference (ESWC 2016), Heraklion, Crete, Greece, May 30th, 2016.
- C39 K. Papanikolaou, H. Papageorgiou, N. Papasasantopoulos, T. Stathopoulou, G. Papastefanatos. “Just the facts” with PALOMAR: Detecting protest events in media outlets and Twitter. In First “Social Media in the Newsroom” workshop (SMnews2016), co-located with the International Conference on Web and Social Media (ICWSM 2016), Cologne, Germany, 17th May, 2016.
- C38. G. Alexiou, S. Vahdati, C. Lange, G. Papastefanatos, S. Lohmann. OpenAIRE LOD services:

- Scholarly Communication Data as Linked Data. In 2nd International Workshop on Semantics, Analytics, Visualisation: Enhancing Scholarly Data (SAVE-SD16) co-located with WWW16, Montreal, Canada, April, 2016.
- C37. G. Alexiou, M. Meimaris, G.Papastefanatos. Enabling Persistent Identification of Groups of Duplicates in Data Aggregators. In 7th International Workshop on Data Engineering meets the Semantic Web (DESWeb 16) in conjunction with ICDE 2016, Helsinki, Finland, May 2016.
- C36. T. Galani, Y. Stavarakas, G. Papastefanatos. A Language for Defining and Detecting Interrelated Complex Changes on RDF(S) Knowledge Bases. In Proceedings of the 18th International Conference on Enterprise Information Systems (ICEIS 16), Rome, Italy, April 2016.
- C35. N. Bikakis, J. Liagouris, M. Krommyda, G. Papastefanatos, T.Sellis. graphVizdb: A Scalable Platform for Interactive Large Graph Visualization. In 32nd IEEE International Conference on Data Engineering(ICDE 2016) - Demo, Helsinki, Finland, May 2016
- C34 M. Meimaris, G. Papastefanatos. Double Chain-Star: an RDF indexing scheme for fast processing of SPARQL joins. In Proceedings of 19th International Conference on Extending Database Technology (EDBT 2016) - Poster, Bordeaux, France, March, 2016
- C33 G. Papadakis, G. Papastefanatos, T. Palpanas, M. Koubarakis. Scaling Entity Resolution to Large, Heterogeneous Data with Enhanced Meta-blocking. In Proceedings of 19th International Conference on Extending Database Technology (EDBT 2016), Bordeaux, France, March, 2016.
- C32 M. Meimaris, G. Papastefanatos, P. Vassiliadis, I. Anagnostopoulos. Efficient Computation of Containment and Complementarity in Linked Data Cubes. In Proceedings of 19th International Conference on Extending Database Technology (EDBT 2016), Bordeaux, France, March, 2016.
- C31. K Gkirtzou, G Papastefanatos, T Dalamagas. Rdf keyword search based on keywords-to-sparql translation. In Proceedings of the First International Workshop on Novel Web Search Interfaces and Systems Collocated with CIKM 2015, Melbourne, Australia, October 2015
- C30. V. Efthymiou, G. Papadakis, G. Papastefanatos, K. Stefanidis, T. Palpanas. Parallel Metablocking: Realizing Scalable Entity Resolution. In IEEE Big Data, Santa Clara, CA, October 2015.
- C29. M. Meimaris, G. Alexiou, K. Gkirtzou, G. Papastefanatos, T. Dalamagas. RDF Resource Search and Exploration with LinkZoo. In 4th International Conference on Data Management Technologies and Applications (DATA 15), Colmar, Alsace, France, July 2015.
- C28. T. Galani, Y. Stavarakas, G. Papastefanatos, G. Flouris. Supporting Complex Changes in RDF(S) Knowledge Bases. In 1st Workshop on Managing the Evolution and Preservation of the Data Web (Diachron '15), Collocated with ESWC 2015, Portoroz, Slovenia, June, 2015.
- C27. M. Meimaris, G. Papastefanatos, C. Pateritsas. An Archiving System for Managing Evolution in the Data Web. In 1st Workshop on Managing the Evolution and Preservation of the Data Web (Diachron '15), Collocated with ESWC 2015, Portoroz, Slovenia, June, 2015.
- C26. N. Bikakis, J. Liagouris, M. Krommyda, G. Papastefanatos, T.Sellis. Towards Scalable Visual Exploration of Very Large RDF Graphs. In 12th Extended Semantic Web Conference (ESWC2015) – Poster Track, Portoroz, Slovenia, June, 2015.
- C25. M. Meimaris, G. Papastefanatos. Containment and Complementarity Relationships in Multidimensional Linked Open Data. In 2nd International Workshop on Semantic Statistics (SEMSTATS 2014), Collocated with ISWC 2014 , Riva Del Garda – Trentino, Italy, October, 2014
- C24. E. Katsiri, G. Papastefanatos, M. Terrovitis, T. Sellis. Airport Context Analytics. In 8th International Conference on Web Reasoning and Rule Systems, (RR2014), Athens, Greece, September 2014.
- C23. I. Petrou, M. Meimaris, G. Papastefanatos. Towards a methodology for publishing Linked Open Statistical Data. In Samos 2014 Summit on ICT-enabled Governance, Samos, Greece, June, 2014.
- C22. M. Meimaris, G. Alexiou, G. Papastefanatos. LinkZoo: A linked data platform for collaborative management of heterogeneous resources. In 11th Extended Semantic Web Conference (ESWC2014)

– Demo Track, Anissaras, Crete, Greece, May 2014.

- C21. N. Bikakis, M. Skourla, G. Papastefanatos. rdf:SynopsViz: A Framework for Hierarchical Linked Data Visual Exploration and Analysis. In 11th Extended Semantic Web Conference (ESWC2014) – Demo Track, Anissaras, Crete, Greece, May 2014.
- C20. M. Meimaris, G. Papastefanatos, C. Pateritsas, T. Galani, Y. Stavarakas, Towards a Framework for Managing Evolving Information Resources on the Data Web. In 1st International Workshop on Dataset PROFiling & fEderated Search for Linked Data (PROFILES14), Co-located with ESWC14, Anissaras, Crete, Greece, May 2014.
- C19. P. Manousis, P. Vassiliadis, G. Papastefanatos. Automating the adaptation of evolving data-intensive ecosystems. In 32nd International Conference on Conceptual Modeling (ER 2013), Hong Kong, November 2013.
- C18. I. Petrou, G. Papastefanatos, T. Dalamagas. Publishing Census as Linked Open Data. A Case Study. In 2nd International Workshop on Open Data (WOD 2013) – Paris, France, June 2013.
- C17. G. Papastefanatos, Y. Stavarakas, T. Galani. Capturing the History and Change Structure of Evolving Data. In 5th International Conference on Advances in Databases, Knowledge, and Data Applications (DBKDA 2013), Seville, Spain, January 2013, 2013 – *Received Best Paper Award*
- C16. T. Dalamagas, N. Bikakis, G. Papastefanatos, Y. Stavarakas, A. Hatzigeorgiou. Publishing Life Science Data as Linked Open Data: the Case Study of miRBase. In 1st International Workshop on Open Data (WOD 2012) – (Extended Version for ACM Digital Library), Nantes, France, May 2012.
- C15. S. Auer, T. Dalamagas, H. Parkinson, F. Bancelhon, G. Flouris, D. Sacharidis, P. Buneman, D. Kotzinos, Y. Stavarakas, V. Christophides, G. Papastefanatos, K. Thiveos. Diachronic Linked Data: Towards Long-Term Preservation of Structured Interrelated Information. In 1st International Workshop on Open Data (WOD 2012) – (Extended Version for ACM Digital Library), Nantes, France, May 2012.
- C14. T. Dalamagas, N. Bikakis, G. Papastefanatos, Y. Stavarakas, A. Hatzigeorgiou. Publishing Life Science Data as Linked Open Data: the Case Study of miRBase. In 1st International Workshop on Open Data (WOD 2012), Nantes, France, May 2012.
- C13. Y. Stavarakas, G. Papastefanatos, T. Dalamagas, V. Christophides. Diachronic Linked Data: Towards Long-Term Preservation of Structured Interrelated Information. In 1st International Workshop on Open Data (WOD 2012), Nantes, France, May 2012.
- C12. Y. Stavarakas, G. Papastefanatos. Using Structured Changes for Elucidating Data Evolution. In 1st International Workshop on Managing Data Throughout its Lifecycle (DaLi 2011 - in conjunction with ICDE 2011), Hannover, Germany, April 2011.
- C11. G. Papastefanatos, P. Vassiliadis, A. Simitsis. Propagating Evolution Events in Data-Centric Software Artifacts. In 3rd International Workshop on Hot Topics in Software Upgrades (HotSWUp'11 - in conjunction with ICDE 2011), Hannover, Germany, April 2011.
- C10. G. Papastefanatos, P. Vassiliadis, A. Simitsis, Y. Vassiliou. HECATAEUS: Regulating Schema Evolution. In 26th IEEE International Conference on Data Engineering (ICDE'10), Long Beach, California, USA, March 1-6, 2010.
- C9. Y. Stavarakas, G. Papastefanatos. Supporting Complex Changes in Evolving Interrelated Web Databanks. In 18th International Conference on Cooperative Information Systems (CoopIS'10), Crete, Greece, October 27-29, 2010.
- C8. G. Papastefanatos, P. Vassiliadis, A. Simitsis, T. Sellis, Y. Vassiliou. Rule-based Management of Schema Changes at ETL sources. In Workshop on Managing Evolution of Data Warehouses (MEDWa 2009 – in conjunction with ADBIS 09), Riga, Latvia, 7 September, 2009.
- C7. G. Papastefanatos, P. Vassiliadis, A. Simitsis, Y. Vassiliou. Design Metrics for Data Warehouse Evolution. In 27th International Conference on Conceptual Modeling (ER '08), Barcelona, Spain, 20-23 October, 2008.

- C6. G. Papastefanatos, P.Vassiliadis, A.Simitsis, K.Aggistalis, F.Pechlivani, Y.Vassiliou. Language Extensions for the Automation of Database Schema Evolution. In 10th International Conference on Enterprise Information Systems (ICEIS '08), Barcelona, Spain, 12-16 June, 2008.
- C5. G.Papastefanatos, F.Anagnostou, Y. Vassiliou, P.Vassiliadis. Hecataeus: A What-If Analysis Tool for Database Schema Evolution. In 12th European Conference on Software Maintenance and Reengineering (CSMR '08), Athens, Greece, 1-4 April, 2008.
- C4. G.Papastefanatos, P.Vassiliadis, A.Simitsis, Y. Vassiliou. What-if Analysis for Data Warehouse Evolution. In 9th International Conference on Data Warehousing and Knowledge Discovery (DaWaK '07), Regensburg, Germany, 3-7 September, 2007.
- C3. G. Papastefanatos, P. Vassiliadis, Y. Vassiliou. Adaptive Query Formulation to Handle Database Evolution. In Forum of the 18th Conference on Advanced Information Systems Engineering (CAiSE Forum 2006), Luxembourg June 5-9, 2006.
- C2. G. Papastefanatos, K. Kyzirakos, P. Vassiliadis, Y. Vassiliou. Hecataeus: A Framework for Representing SQL Constructs as Graphs. In 10th International Workshop on Exploring Modeling Methods for Systems Analysis and Design - EMMSAD '05 (in conjunction with CAISE'05) - Oporto, Portugal, June 2005.
- C1. K. Siassiakos, J. Psarras, G. Papastefanatos, N. Nasios, D. Th. Askounis. Towards a Quality Assurance Framework for Educational Software. In Proceedings of the Web Based Learning Environment European Conference (WBLE'00), Oporto, Portugal, June 2000.

Other Non-refereed Journals and Conferences

- O12. S. Vahdati, G. Alexiou, G. Papastefanatos, C. Lange: Making Use of the Linked Open Data Services for OpenAIRE: Querying Data about Research Results, Persons, Projects and Organizations (Tutorial), In Digital Infrastructures for Research event, Krakow-Poland, September 2016.
- O11 M. Meimaris, G. Papastefanatos, P. Vassiliadis, I. Anagnostopoulos. Efficient Computation of Containment and Complementarity in Linked Data Cubes. In 14th Hellenic Data Management Symposium (HDMS'16), Athens, July, 2016.
- O10 George Papadakis, George Alexiou, George Papastefanatos, Georgia Koutrika. Schema-agnostic vs Schema-based Configurations for Blocking Methods on Homogeneous Data, In 14th Hellenic Data Management Symposium (HDMS'16), Athens, July, 2016.
- O9 George Papadakis, George Papastefanatos, Georgia Koutrika. Supervised Meta-blocking, In 13th Hellenic Data Management Symposium (HDMS'15), Athens, July, 2015
- O8 P. Manousis, P. Vassiliadis, G. Papastefanatos. Automating the adaptation of evolving data-intensive ecosystems. In 12th Hellenic Data Management Symposium (HDMS'14), Athens, July, 2014.
- O7 G. Papastefanatos, Y.Stavrakas: Diachronic Linked Data: Capturing the Evolution of Structured Interrelated Information on the Web. ERCIM News 2014(96).
- O6 I. Petrou, G. Papastefanatos: Publishing Greek Census Data as Linked Open Data. ERCIM News 2014(96).
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12. Citations

George Papastefanatos' google scholar profile is http://scholar.google.gr/citations?user=wnh_FZgAAAAJ&hl . As of Nov 2016, George has more than 320 citations to journal articles and conference publications and h-index 11.