Panos Louridas

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Citation Metrics

	All	Since 2014
Citations	1640	733
h-index	17	14
i10-index	25	17

Data from Google Scholar (June 2019).

Positions

2015–	Associate Professor, Department of Management Science & Technology, Athens University of Economics and Business.
2005–	GRNET (Greek Research and Education Network) S.A., Consultant.

Previous Positions

2006–13	Software Developer, Tekton CAD Suite, LH Logismiki.
2005	Senior Software Engineer at Emporiki Bank.
2001–2005	Senior Software Engineer at Investment Bank SA.
2001	Greek Army Computing Centre, developer at the human resource management system.
2000–2001	Greek Army, design and implementation of networking infrastructure at the Limnos military command.

Research Interests

Software Engineering, Algorithms, Practical Cryptography, Security, Design.

Teaching

2016–	Internet and Cloud Computing (undergraduate).
2014–	Algorithms and Data Structures (undergraduate).
2015–	Big Data Systems (postgraduate).
2015–	Analytics Practicum (postgraduate).
2015–	Practical Data Science (postgraduate).
2015–2016	Internet and Cloud Computing, MSc in Managment Science and Technology, Athens University of Economics and Business
2013–2014	Networks, Algorithms, and Data Structures (undergraduate)
2014–2015	Introduction to Computer Science (undergraduate)
2004–2006	Analysis and Management of Information Systems (undergraduate)
1996–1997	C and assembly instructor, department of Computation, University of Manchester Institute of Science and Technology.

| 1995 | C++ instructor (undergraduate, University of Athens). |

Education

1996–2000	University of Manchetser, PhD in Software Engineering.
1995–1996	University of Manchester, MSc by Research.
1990–1994	University of Athens, Diploma, Department of Informatics.

Awards

2016	Donald Knuth reward check, February 10, 2016.
2015	Donald Knuth reward check, February 20, 2015.
2012	Outstanding Paper Award, Emerald Literati Network, Awards for Excellence: Countering code injection attacks: a unified approach (Information Management & Computer Security, vol. 19, no. 3).
2007	Featured reviewer in ACM Computing Reviews, August 2007.
2000	Donald Knuth Reward check, May 4, 2000.
1996–1999	Alexander S. Onassis Public Benefit Foundation Scholar.

Publications

Book

Louridas, Panos (2017). *Real World Algorithms: A Beginners Guide*. Cambridge, MA: The MIT Press.

Journals & Magazines

Mitropoulos, D., P. Louridas, M. Polychronakis, and A. D. Keromytis (Mar. 2019). "Defending Against Web Application Attacks: Approaches, Challenges and Implications". In: *IEEE Transactions on Dependable and Secure Computing* 16.2, pp. 188–203.

Kechagia, Maria, Marios Fragkoulis, Panos Louridas, and Diomidis Spinellis (2018). "The exception handling riddle: An empirical study on the Android API". In: *Journal of Systems and Software* 142, pp. 248–270.

Louridas, Panos (2018). "Review of Network Science by Albert-Làszlò Barabàsi". In: *SIGACT News* 49.2, pp. 10–13.

Fragkoulis, Marios, Diomidis Spinellis, and Panos Louridas (2016). "PiCO QL: A software library for runtime interactive queries on program data". In: *SoftwareX* 5, pp. 134–138.

— (Dec. 2015). "An interactive SQL relational interface for querying main-memory data structures". In: *Computing* 97.12, pp. 1141–1164.

Karakoidas, Vassilios, Dimitris Mitropoulos, Panagiotis Louridas, and Diomidis Spinellis (2015). "A type-safe embedding of SQL into Java using the extensible compiler framework J%". In: *Computer Languages, Systems & Structures* 41, pp. 1–20.

Spinellis, Diomidis and Panos Louridas (June 2013). "The carbon footprint of conference papers". In: *PLoS ONE* 8.6, e66508.

Tsoukalas, Georgios, Kostas Papadimitriou, Panos Louridas, and Panayiotis Tsanakas (2013). "From Helios to Zeus". In: *USENIX Journal of Election Technology and Systems* 1, p. 1.

Louridas, Panos and Georgios Gousios (Sept. 2012). "A note on rigour and replicability". In: *SIGSOFT Software Engineering Notes* 37.5, pp. 1–4.

Louridas, Panos (Sept.–Oct. 2011). "Test Management". In: *IEEE Software* 28.5, pp. 86–91.

Mitropoulos, Dimitris, Vassilios Karakoidas, Panagiotis Louridas, and Diomidis Spinellis (2011). "Countering Code Injection Attacks: A Unified Approach". In: *Information Management and Computer Security* 19.3, pp. 177–194.

Androutsellis-Theotokis, Stephanos, Diomidis Spinellis, Panos Louridas, and Kostas Stroggylos (Apr. 2010). "A Market-Based approach to Managing the Risk of Peer-to-Peer Transactions". In: *Computer Networks* 54.5, pp. 675–688.

Konidari, Eleni and Panos Louridas (Mar. 2010). "When Students Are Not Programmers". In: *ACM Inroads* 1.1, pp. 55–60.

Louridas, Panagiotis (Mar.–Apr. 2008a). "Orchestrating Web Services with BPEL". In: *IEEE Software* 25.2, pp. 85–87.

Louridas, Panagiotis, Diomidis Spinellis, and Vasileios Vlachos (Sept. 2008). "Power Laws in Software". In: *ACM Transactions on Software Engineering and Methodology* 18.1, pp. 1–26.

Spinellis, Diomidis and Panagiotis Louridas (Aug. 2008). "The Collaborative Organization of Knowledge". In: *Communications of the ACM* 51.8, pp. 68–73.

Louridas, Panagiotis (July–Aug. 2007). "Declarative GUI Programming in Microsoft Windows". In: *IEEE Software* 24.4, pp. 16–19.

Spinellis, Diomidis and Panagiotis Louridas (July 2007). "A Framework for the Static Verification of API Calls". In: *Journal of Systems and Software* 80.7, pp. 1156–1168.

Louridas, Panagiotis (Nov.–Dec. 2006a). "SOAP and Web Services". In: *IEEE Software* 23.6, pp. 62–67.

— (July–Aug. 2006b). "Static Code Analysis". In: *IEEE Software* 23.4, pp. 58–61.

— (Mar.–Apr. 2006c). "Using Wikis in Software Development". In: *IEEE Software* 23.2, pp. 88–91.

— (Jan.–Feb. 2006d). "Version Control". In: *IEEE Software* 23.1, pp. 104–107.

— (July–Aug. 2005). "JUnit: Unit Testing and Coding in Tandem". In: *IEEE Software* 22.4, pp. 12–15.

— (Oct. 2000). "Some Guidelines for Non-repudiation Protocols". In: *ACM Computer Communication Review* 30.5.

Louridas, Panagiotis and Pericles Loucopoulos (Apr. 2000). "A Generic Approach for Reflective Design". In: *ACM Transactions on Software Engineering Methodology* 9.2, pp. 199–237.

Louridas, Panagiotis (Nov. 1999). "Design as bricolage: anthropology meets design thinking". In: *Design Studies* 20.6, pp. 517–535.

Tsalgatidou, A., P. Louridas, G. Schizas, and T. Fesakis (Dec. 1996). "Multilevel Petri Nets for Modeling and Simulating Organizational Dynamic Behaviour". In: *Simulation & Gaming* 27.4. Special Issue on Simulation of Information Systems, pp. 485–506.

Book Contributions

Louridas, Panos (2010). "Software Quality". In: *Encyclopedia of Software Engineering*. Ed. by Phil A. Laplante. Taylor & Francis.

Louridas, Panagiotis (2008b). "Rereading the Classics". In: *Beautiful Architecture: Leading Software Engineers Explain How They Think*. Ed. by Diomidis Spinellis and Georgios Gousios. Sebastopol, CA: O'Reilly and Associates. Chap. 14, pp. 349–382.

Conferences

Mitropoulos, Dimitris, Panos Louridas, Vitalis Salis, and Diomidis Spinellis (2019). "Time present and time past: analyzing the evolution of JavaScript code in the wild". In: *Proceedings of the 16th International Conference on Mining Software Repositories, MSR 2019, Montreal, QC, Canada, May 26-27, 2019*, pp. 303–313.

Chatziatoniou, Damianos and Panos Louridas (2018). "Enabling Global Big Data Computations". In: *Proceedings of the 20th International Workshop on Design, Optimization, Languages and Analytical Processing of Big Data co-located with the 10th EDBT/ICDT Joint Conference (EDBT/ICDT 2018), Vienna, Austria, March 26-29, 2018*.

Georiou, Stefanos, Maria Kechagia, Panos Louridas, and Diomidis Spinellis (2018). "What are your programming language's energy-delay implications?" In: *Proceedings of the 15th International Conference on Mining Software Repositories, MSR 2018, Gothenburg, Sweden, May 28-29, 2018*, pp. 303–313.

Spinellis, Diomidis, Panos Louridas, and Maria Kechagia (2016). "The evolution of C programming practices: a study of the Unix operating system 1973–2015". In: *ICSE '16: Proceedings of the 38th International Conference on Software Engineering*. Ed. by Willem Visser and Laurie Williams. ACM.

Karakoidas, Vassilios, Dimitris Mitropoulos, Panos Louridas, Georgios Gousios, and Diomidis Spinellis (2015). "Generating the blueprints of the Java ecosystem". In: *MSR '15: Proceedings of the 2015 International Working Conference on Mining Software Repositories*. IEEE Computer Society, pp. 510–513.

Spinellis, Diomidis, Panagiotis Louridas, and Maria Kechagia (Oct. 2015). "An exploratory study on the evolution of C programming in the Unix operating system". In: *ESEM '15: 9th International Symposium on Empirical Software Engineering and Measurement*. Ed. by Qing Wand and Guenther Ruhe, pp. 54–57.

Fragkoulis, Marios, Diomidis Spinellis, Panos Louridas, and Angelos Bilas (2014). "Relational access to Unix kernel data structures". In: *Proceedings of the Ninth European Conference on Computer Systems, EuroSys '14*. ACM, 2:1–12:14.

Mitropoulos, Dimitris, Georgios Gousios, Panagiotis Papadopoulos, Vassilios Karakoidas, Panos Louridas, and Diomidis Spinellis (Sept. 2014). "The vulnerability dataset of a large software ecosystem". In: *Proceedings of the 3rd International Workshop on Building Analysis Datasets and Gathering Experience Returns for Security (BADGERS 2014), colocated with the 19th European Symposium on Research in Computer Security (ESORICS 2014)*. IEEE Computer Society.

Mitropoulos, Dimitris, Vassilios Karakoidas, Panos Louridas, Georgios Gousios, and Diomidis Spinellis (June 2014). "The bug catalog of the Maven ecosystem". In: *MSR '14: Proceedings of the 2014 International Working Conference on Mining Software Repositories*. ACM, pp. 372–365.

Louridas, Panos, Georgios Tsoukalas, Kostas Papadimitriou, and Panayiotis Tsanakas (2013). "Zeus: Bringing internet voting to Greece". In: *e-Democracy 2013: E-Democracy, Security, Privacy and Trust in a Digital World*. Ed. by A. Sideridis, Z. Kardasiadou, C. Yialouris, and V. Zorkadis. Vol. 441. Communications in Computer and Information Science. Springer, pp. 213–223.

Mitropoulos, Dimitris, Vassilios Karakoidas, Panos Louridas, Georgios Gousios, and Diomidis Spinellis (Oct. 2013). "Dismal code: studying the evolution of security bugs". In: *Proceedings of the LASER Workshop 2013, Learning from Authoritative Security Experiment Results*. Vol. 2013. Usenix Association, pp. 37–48.

Spinellis, Diomidis, Vassilios Karakoidas, and Panagiotis Louridas (Oct. 2012). "Comparative language fuzz testing: programming languages vs. fat fingers". In: *PLATEAU 2012: 4th Annual International Workshop on Evaluation and Usability of Programming Languages and Tools—Systems, Programming, Languages and Applications: Software for Humanity (SPLASH 2012)*. ACM.

Candiello, A. et al. (Mar. 2009). "A business model for the establishment of the European Grid Infrastructure". In: *CHEP 2009: Proceedings of Computing in High Energy and Nuclear Physics*. Prague.

Almaliotis, Vasilios, Alexandros Loizidis, Panagiotis Katsaros, Panagiotis Louridas, and Diomidis Spinellis (2008). "Static program analysis for Java Card applets". In: *CARDIS 2008: International Conference on Smart Card Research and Advanced Applications*. Ed. by Grimaud Gilles and Standaert François-Xavier. Vol. 5189. Lecture Notes in Computer Science. Springer, pp. 17–31.

Atsaros, Georgios, Diomidis Spinellis, and Panagiotis Louridas (2008). "Site-specific versus general purpose web search engines: a comparative evaluation". In: *PCI '08: Panhellenic Conference on Informatics*. IEEE, pp. 44–48.

Kotsokallis, Constantinos, Tizianna Ferrari, Panagiotis Louridas, Elisabetta Ronchieri, and Panayiotis Tsanakas (Dec. 2008). "Grid Enabled Instrument Representation and Reservation". In: *eScience '08: Proceedings of the IEEE 4th International Conference on eScience*. Indianapolis, Indiana: IEEE, pp. 16–22.

Spinellis, Diomidis, Georgios Gousios, Vassilios Karakoidas, Panagiotis Louridas, Paul J. Adams, Ioannis Samoladas, and Ioannis Stamelos (Apr. 2008). "Evaluating the Quality of Open Source Software". In: *SQM 2008: Second International Workshop on Software Quality and Maintainability—12th European Conference on Software Maintenance and Reengineering (CSMR 2008) satellite event*. Electronic Notes in Theoretical Computer Science Volume 233 (March 2009). The Reengineering Forum. Athens, Greece, pp. 5–28.

Boote, Jeff W., Andreas Hanemann, Loukik Kudarimoti, Panagiotis Louridas, Luís Marta, Michalis Michael, Nicolas Simar, and Ilias Tsompanidis (Sept. 2007). "Quality Assurance in perfSONAR Release Management". In: *QUATIC 2007: Proceedings of the 6th International Conference on the Quality of Information and Communications Technology*. Lisbon: IEEE, pp. 131–142.

Gousios, Georgios, Vassilios Karakoidas, Konstantinos Stroggylos, Panagiotis Louridas, Vasileios Vlachos, and Diomidis Spinellis (May 2007). "Software Quality Assessment of Open Source Software". In: *Proceedings of the 11th Panhellenic Conference on Informatics*. Patras, Greece.

Louridas, P. and P. Loucopoulos (Sept. 12–14, 1996). "A Reasoning Framework for Information Systems Development". In: *Fourth Conference on Information Systems Methodologies of the British Computer Society Information Systems Methodologies Specialist Group*. Cork, Ireland, pp. 57–67.

Louridas, Panos and Peri Loucopoulos (May 20–21, 1996). "A Framework for Evaluating Design Rationale Methods". In: *Workshop on the Evaluation of Modeling Methods in Systems Analysis and Design (EMMSAD '96, in conjunction with CAiSE '96)*. Crete.

Certifications

ITIL® Foundation
ITIL® Operational Support and Analysis
ITIL® Service Offerings & Agreements
ITIL® Release, Control and Validation
ITIL® Planning, Protection and Optimization
ITIL® Managing Across the Lifecycle

Languages

English, fluent.
French, very good.
Spanish, very good.
German, elementary.
Greek, mother.

Professional Associations

ACM, IEEE, Usenix, AAAS.