



Alex Delis

Title: Professor

Sector: Computer Systems and Applications

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Academic Qualifications:

- Ph.D., Computer Science. University of Maryland at College Park, MD, 1993.
- M.Sc., Computer Science. University of Maryland at College Park, MD, 1989.
- Eng. Diploma, Computer Engineering, University of Patras, Greece, 1985.

Appointments:

- 2002–present Professor and Associate Professor, Univ. of Athens, Athens, 15784, Greece.
- 1995–2002 Associate and Assistant Professor, Department of Computer Science and Engineering, Polytechnic Institute of New York University, Brooklyn, NY 11201.
- 1993–1995 Senior Lecturer and Lecturer, School of Information Systems, Queensland Univ. of Technology, Brisbane, QLD 4001, Australia.

Teaching Activities: (current)

- Operating Systems Principles of Databases
- Systems Programming
- Advanced OSs
- Distributed Systems

Research Interests/Activities: (last 10 years)

- Distributed Systems and Databases
 - Operating Systems
 - Principles of Database Systems
- Cloud Computing
- Evaluation of Systems

Scientific Publications/Citations:

- 3 Edited Books, 7 Book Chapters
- 37 Journals, 54 Referred Conferences.
- Citations ~940

Five representative publications

- K. Saidis, Y. Smaragdakis and A. Delis, "DOLAR: Virtualizing Heterogeneous Information Spaces to Support their Expansion," *Software: Practice & Experience*, accepted for publication, November 2010.
- K. Tsakalozos, H. Kllapi, E. Sitaridi, M. Roussopoulos, D. Paparas and A. Delis, "Flexible Use of Cloud Resources through Profit Maximization and Price Discrimination," *IEEE Int. Conf. on Data Engineering (ICDE'11)*, Hannover, Germany, April 2011.

- H. Akcan, V. Kriakov, H. Bronnimann and A. Delis, "Managing Cohort Movement of Mobile Sensors via GPS-Free and Compass-Free Node," *Journal of Parallel and Distributed Computing*, vol. 70, no. 7, pp. 743–757, July 2010.
- K. Tsakalozos, M. Roussopoulou, E. Floros, and A. Delis, "Nefeli: Hint-based Execution of Workloads in Clouds," *30th IEEE Int. Conf. on Distributed Computing Systems (ICDCS'10)*, Genoa, Italy, June 2010.
- V. Kriakov, G. Kollios and A. Delis, "Self-Tuning Management of Update-Intensive Multidimensional Data in Clusters of Workstations," *The VLDB Journal*, vol. 18, no. 3, pp. 739–764, June 2009.

Distinctions:

- Maurice V. Wilkes Medal by British Computer Society for Best Paper Award in *The Computer Journal* for year 2004.
- CAREER Award, National Science Foundation, 1998.
- Best Paper Award in the 14th IEEE–International Conference for Distributed Computing Systems, 1994.
- Fulbright Fellowship, The U.S.A. Educational Foundation in Greece, 1985–1986.

Other Activities:

- IEEE Computer Society, ACM, Technical Chamber of Greece, Sigma Xi.
- PC and Organizing Committee Member for more than 80 Int. Conferences.
- Reviews for: *IEEE-Computer*, *IEEE-Transactions in Software Engineering*, *IEEE-Transactions in Knowledge and Data Engineering*, *The VLDB Journal*, *Software: Practice & Experience*, *IEEE-Transaction on Computers*, *IEEE-Distributed Systems Engineering Journal*, *IEEE-Trans. on Service Oriented Computing*, *ACM-SIGMOD*, *VLDB*, *IEEE-ICDCS*, *IEEE-ICSE*, *IEEE-ICDE*, *ICSOC*, etc.
- Associate Editor, *Int. Journal of Cooperative Information Systems (IJCIS)*.
- Funding from Australian Research Council, DEET-Australia, NSF, US Dept. of Commerce, US Dept. of Education, NY State, European Commission, SUN, Oracle.