Georgios Kellaris

Personal Information	Nationality	Greek
	Email	gkellaris@g.harvard.edu

Research Interests Differential Privacy, Databases

Education

Ph.D. in Computer Science and Engineering   *2010 – 2015*
Hong Kong University of Science and Technology, HKSAR
Title: Practical Differential Privacy
under the supervision of prof. Dimitrios Papadias

M.Sc. in Network-Centric Systems   *2006 – 2008*
University of Piraeus, Greece

B.Sc. in Informatics and Telecommunications   *2001 – 2006*
National and Kapodistrian University of Athens, Greece

Experience

Postdoctoral Fellow   *September 2015 – today*
Center for Research on Computation & Society (CRCS)
Harvard University, U.S.A.
and
Department of Computer Science
Boston University, U.S.A.

Visiting Researcher   *June 2014 – August 2014*
Department of Computer Science
Boston University, U.S.A.

Visiting Researcher   *July 2012 – September 2012*
School of Computer Engineering
Nanyang Technological University, Singapore

Visiting Researcher   *November 2009 – July 2010*
School of Information Systems
Singapore Management University, Singapore

Researcher   *September 2008 – November 2009*
Department of Informatics
University of Piraeus, Greece

Publications

Kellaris, G., Kollios, G., Nissim K., O'Neill, A. "Generic Attacks on Secure Outsourced Databases". Proceedings of the ACM Conference on Computer and Communications Security, (CCS), Vienna, Austria, October 24-28, 2016.

Eric Fung, **Kellaris, G.**, Papadias, D. "Combining Differential Privacy and PIR for Efficient Strong Location Privacy". Proceedings of the International Symposium on Spatial and Temporal Databases, (SSTD), Seoul, South Korea, August 26-28, 2015.

Kellaris, G., Papadopoulos, S., Papadias D. "Differentially Private Histograms for Range-

Sum Queries: A Modular Approach". arXiv preprint arXiv:1504.03440, 2015.

Kellaris, G., Papadopoulos, S., Xiao, X., Papadias, D. "Differentially Private Event Sequences over Infinite Streams". Proceedings of the International Conference on Very Large Databases (VLDB), pp. 1155-1166, Hangzhou, China, September 1-5, 2014.

Kellaris, G., Pelekis, N., Theodoridis, Y. "Map-Matched Trajectory Compression". Journal of Systems and Software (JSS), 86(6), 1566-1579, 2013.

Kellaris, G., Papadopoulos, S. "Practical Differential Privacy via Grouping and Smoothing". Proceedings of the International Conference on Very Large Databases (VLDB), pp. 301-312, Trento, Italy, August 26-30, 2013.

Kellaris, G., Mouratidis, K. "Shortest Path Computation on Air Indexes". Proceedings of the International Conference on Very Large Databases (VLDB), pp. 747-757, Singapore, September 13-17, 2010.

Kellaris, G., Pelekis, N., Theodoridis, Y. "Trajectory Compression under Network Constraints". Proceedings of the 11th International Symposium on Spatial and Temporal Databases (SSTD), pp. 392-398, Aalborg, Denmark, July 8-9, 2009.

SCHOLARSHIPS

Hong Kong Ph.D. Fellowship Scheme   *2010–2014*
Fellowship from the Research Grants Council (RGC) of Hong Kong for the best students in all disciplines who pursue their PhD studies in Hong Kong's institutions.

PROFESSIONAL
ACTIVITIES   Program Committee Member, IEEE ICDE, 2016.
                    Reviewer for IEEE Transactions on Knowledge and Data Engineering.

TECHNICAL SKILLS
- C/C++
- JAVA

LANGUAGES
- Greek: mother tongue.
- English: fluent.
- Spanish: fair.

REFERENCES
- Professor **Kobbi Nissim**, Georgetown and Harvard University kobbi@seas.harvard.edu
- Professor **Dimitris Papadias**, Hong Kong UST dimitris@cs.ust.hk
- Professor **George Kollios**, Boston University gkollios@cs.bu.edu
- Dr. **Stavros Papadopoulos**, Intel Labs/M.I.T. stavrosp@csail.mit.edu
- Professor **Xiaokui Xiao**, NTU Singapore xkxiao@ntu.edu.sg>
- Professor **Kyriakos Mouratidis**, SMU Singapore kyriakos@smu.edu.sg