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**Citizenship:** Greece

## Education

2002 - 2006	Ph.D in Computer Science Hong Kong University of Science and Technology
1998 - 2002	BSc in Computer Science Aristotle University of Thessaloniki, Greece

## Position(s) Held

2006 - Now	Assistant Professor School of Information Systems Singapore Management University
Jul 2004 - Mar 2006	Research Assistant Hong Kong University of Science and Technology
Sep 2005 - Oct 2005	Visiting Researcher National University of Singapore

## Research Interests

1. Spatiotemporal Databases
2. Location Based Services
3. Data-stream Processing
4. Mobile Computing

## Awards, Recognition and Honors

1. Nominated for Most Promising Teacher Award, SMU Teaching Excellence Awards, 2009
2. Fellowship for Research Excellence, Lee Foundation, Singapore, 2007
3. Postgraduate Studentship, Hong Kong University of Science and Technology, 2002 - 2006
4. Scholarship for attending the 2002 Lecture Series in Computer Science, The Data Avalanche: Reducing Information Overload, Onassis Foundation, Greece, 2002
5. Scholarship for Academic Excellence (ranked 1st in class in 4th year of undergraduate study), State Scholarship's Foundation, Greece, 2002

6. Scholarship for Academic Excellence (ranked 1st in class in 3rd year of undergraduate study), State Scholarship's Foundation, Greece, 2001

## Journal Articles (Refereed)

1. "Continuous Spatial Assignment of Moving Users", by Leong Hou U, Kyriakos MOURATIDIS, and Nikos MAMOULIS, 2010, *Very Large Data Bases Journal (VLDBJ)*
2. "Optimal Matching between Spatial Datasets under Capacity Constraints", by Leong Hou U, Kyriakos MOURATIDIS, Man Lung YIU, and Nikos MAMOULIS, 2010, *ACM Transactions on Database Systems (TODS)*
3. "Efficient Evaluation of Continuous Text Search Queries", by Kyriakos MOURATIDIS and Hwee Hwa PANG, 2010, *IEEE Transactions on Knowledge and Data Engineering (TKDE)*
4. "k-Anonymity in the Presence of External Databases", by Dimitris SACHARIDIS, Kyriakos MOURATIDIS, and Dimitris PAPADIAS, 02/2010, *IEEE Transactions on Knowledge and Data Engineering (TKDE)*
5. "Anonymous Query Processing in Road Networks", by Kyriakos MOURATIDIS and Man Lung YIU, 01/2010, Vol. 22, 1, *IEEE Transactions on Knowledge and Data Engineering (TKDE)*, 2-15
6. "Continuous Monitoring of Spatial Queries in Wireless Broadcast Environments", by Kyriakos MOURATIDIS, Spiridon BAKIRAS, and Dimitris PAPADIAS, 10/2009, Vol. 8, 10, *IEEE Transactions on Mobile Computing (TMC)*, 1297-1311
7. "Partially Materialized Digest Scheme: An Efficient Verification Method for Outsourced Databases", by Kyriakos MOURATIDIS, Dimitris SACHARIDIS, and Hwee Hwa PANG, 01/2009, Vol. 18, 1, *Very Large Data Bases Journal (VLDBJ)*, 363-381
8. "Tree-based Partition Querying: A Methodology for Computing Medoids in Large Spatial Datasets", by Kyriakos MOURATIDIS, Dimitris PAPADIAS, and Spiros PAPADIMITRIOU, 07/2008, Vol. 17, 4, *Very Large Data Bases Journal (VLDBJ)*, 923 - 945
9. "Preserving Location-based Identity Inference in Anonymous Spatial Queries", by Panos KALNIS, Gabriel GHINITA, Kyriakos MOURATIDIS, and Dimitris PAPADIAS, 12/2007, Vol. 19, 12, *IEEE Transactions on Knowledge and Data Engineering (TKDE)*, 1719-1733
10. "Continuous Nearest Neighbor Queries over Sliding Windows", by Kyriakos MOURATIDIS and Dimitris PAPADIAS, 06/2007, Vol. 19, 6, *IEEE Transactions on Knowledge and Data Engineering (TKDE)*, 789-803
11. "A Threshold-based Algorithm for Continuous Monitoring of k Nearest Neighbors", by Kyriakos MOURATIDIS, Dimitris PAPADIAS, Spiridon BAKIRAS, and Yufei TAO, 11/2005, Vol. 17, 11, *IEEE Transactions on Knowledge and Data Engineering (TKDE)*, 1451-1464
12. "Query Processing in Spatial Databases Containing Obstacles", by Jun ZHANG, Dimitris PAPADIAS, Kyriakos MOURATIDIS, and Manli ZHU, 11/2005, Vol. 19, 10, *International Journal of Geographic Information Science (IJGIS)*, 1091-1111
13. "Aggregate Nearest Neighbor Queries in Spatial Databases", by Dimitris PAPADIAS, Yufei TAO, Kyriakos MOURATIDIS, and Chun Kit HUI, 06/2005, Vol. 30, 2, *ACM Transactions on Database Systems (TODS)*, 529-576

## Conference Papers (Refereed)

1. "Shortest Path Computation on Air Indexes", by Georgios KELLARIS and Kyriakos MOURATIDIS, 09/2010, *Very Large Data Bases Conference (VLDB)*
2. "Efficient Verification of Shortest Path Search via Authenticated Hints", by Man Lung YIU, Yimin LIN, and Kyriakos MOURATIDIS, 03/2010, full paper, *IEEE International Conference on Data Engineering (ICDE)*
3. "Preference Queries in Large Multi-Cost Transportation Networks", by Kyriakos MOURATIDIS, Yimin LIN, and Man Lung YIU, 03/2010, full paper, *IEEE International Conference on Data Engineering (ICDE)*
4. "Scalable Verification for Outsourced Dynamic Databases", by Hwee Hwa PANG, Jilian ZHANG, and Kyriakos MOURATIDIS, 08/2009, 802-813, *35th International Conference on Very Large Data Bases (VLDB)*
5. "A Fair Assignment Algorithm for Multiple Preference Queries", by Leong Hou U, Nikos MAMOULIS, and Kyriakos MOURATIDIS, 08/2009, *Very Large Data Bases Conference (VLDB)*
6. "Spatial Cloaking Revisited: Distinguishing Information Leakage from Anonymity", by Kar Way TAN, Yimin LIN, and Kyriakos MOURATIDIS, 07/2009, *International Symposium on Spatial and Temporal Databases (SSTD)*
7. "An Incremental Threshold Method for Continuous Text Search Queries", by Kyriakos MOURATIDIS and Hwee Hwa PANG, 04/2009, short paper, *IEEE International Conference on Data Engineering (ICDE)*
8. "Efficient Evaluation of Multiple Preference Queries", by Leong Hou U, Nikos MAMOULIS, and Kyriakos MOURATIDIS, 04/2009, short paper, *IEEE International Conference on Data Engineering (ICDE)*
9. "Authenticating the Query Results of Text Search Engines", by Hwee Hwa PANG and Kyriakos MOURATIDIS, 08/2008, 126-137, *34th International Conference on Very Large Data Bases (VLDB)*
10. "Capacity Constrained Assignment in Spatial Databases", by Leong Hou U, Man Lung YIU, Kyriakos MOURATIDIS, and Nikos MAMOULIS, 06/2008, *ACM Conference on Management of Data (SIGMOD)*
11. "On-Line Discovery of Hot Motion Paths", by Dimitris SACHARIDIS, Kostas PATROUMPAS, Manolis TERROVITIS, Verena KANTERE, Michalis POTAMIAS, Kyriakos MOURATIDIS, and Timos SELLIS, 03/2008, *International Conference on Extending Database Technology (EDBT)*
12. "Continuous Medoid Queries over Moving Objects", by Stavros PAPADOPOULOS, Dimitris SACHARIDIS, and Kyriakos MOURATIDIS, 07/2007, *International Symposium on Spatial and Temporal Databases (SSTD)*
13. "Continuous Nearest Neighbor Monitoring in Road Networks", by Kyriakos MOURATIDIS, Man Lung YIU, Dimitris PAPADIAS, and Nikos MAMOULIS, 09/2006, *Very Large Data Bases Conference (VLDB)*
14. "Continuous Monitoring of Top-k Queries over Sliding Windows", by Kyriakos MOURATIDIS, Spiridon BAKIRAS, and Dimitris PAPADIAS, 06/2006, *ACM Conference on Management of Data (SIGMOD)*
15. "Medoid Queries in Large Spatial Databases", by Kyriakos MOURATIDIS, Dimitris PAPADIAS, and Spiros PAPADIMITRIOU, 08/2005, *International Symposium on Spatial and Temporal Databases (SSTD)*

16. "Constrained Shortest Path Computation", by Manolis TERROVITIS, Spiridon BAKIRAS, Dimitris PAPADIAS, and Kyriakos MOURATIDIS, 08/2005, *International Symposium on Spatial and Temporal Databases (SSTD)*
17. "Conceptual Partitioning: An Efficient Method for Continuous Nearest Neighbor Monitoring", by Kyriakos MOURATIDIS, Marios HADJIELEFTHERIOU, and Dimitris PAPADIAS, 06/2005, *ACM Conference on Management of Data (SIGMOD)*
18. "Group Nearest Neighbor Queries", by Dimitris PAPADIAS, Qiongmao SHEN, Yufei TAO, and Kyriakos MOURATIDIS, 03/2004, *IEEE International Conference on Data Engineering (ICDE)*
19. "Spatial Queries in the Presence of Obstacles", by Jun ZHANG, Dimitris PAPADIAS, Kyriakos MOURATIDIS, and Manli ZHU, 03/2004, *International Conference on Extending Database Technology (EDBT)*

## Chapters in Books

1. "Continuous Monitoring of Spatial Queries", by Kyriakos MOURATIDIS, Encyclopedia of Database Systems, M. Tamer Özsu and Ling Liu, *Springer*, 2009
2. "Computing Medoids in Large Spatial Datasets", by Kyriakos MOURATIDIS, Dimitris PAPADIAS, and Spiros PAPADIMITRIOU, Geographic Data Mining and Knowledge Discovery, Harvey J. Miller and Jiawei Han, Second Edition, *Taylor and Francis*, 2008