

Curriculum Vitae

Themis Palpanas

PERSONAL DATA

name:	Themistoklis Palpanas	contact address:	LIPADE, Paris Descartes University
date of birth:	11 September 1973		45 rue des Saints Pères
nationalities:	Greek Canadian		75006 Paris France
languages:	Greek, mother tongue English, fluently Italian, excellent French, excellent Spanish, very good	tel: +33-(0)1-8394-5865 e-mail: themis@mi.parisdescartes.fr web page: http://www.mi.parisdescartes.fr/~themisp	

RESEARCH INTERESTS

Data management and data analytics (including machine learning applications) for very large data collections, data series indexing and analysis, data series summarization, real-time processing and analysis of streaming data, outlier detection, scientific data processing, semantic-web engineering, sentiment analysis, and non-structured data analysis.

CURRENT POSITION(s)

- 2017 - 2022** *Senior Member, Institut Universitaire de France (IUF)*, Ministry of Higher Education, France; 5-year assignment. Distinction for research excellence and international recognition (acceptance rate: 2% of French professors across all disciplines).
- 2013 - present** *Full Professor, Paris Descartes University*, Paris, France. Performing research, supervising MSc and PhD students, and teaching courses in the areas of data management and data analysis, and web data analytics.
- 2015 – 2018** *Visiting Professor, University of Trento*, Trento, Italy.
- 2015 – present** *LIPADE Governing Council Member*. Member of the governing council of the Computer Science Department (LIPADE) of the Paris Descartes University (Paris, France).
- 2015 – present** *diNo Director*. Director of the Data Intensive and Knowledge-Oriented (diNo) Group (5 faculty members, 3 Postdocs, and 10 PhD students) of the Computer Science Department of the Paris Descartes University (Paris, France).
- 2018 – present** *VLDB Endowment Board Member*
- 2016 – present** *Editor in Chief*, International Journal on Big Data Research (BDR).
- 2014 – present** *Associate Editor*, IEEE Transactions on Data and Knowledge Engineering (TKDE) Journal.
- 2014 – present** *Editorial Board Member*, Transactions on Large-Scale Data and Knowledge-Centered Systems (TLDKS) Journal.
- 2008 – present** *Editorial Advisory Board Member*, Information Systems (IS) Journal.

- 2008 – present** *Associate Editor*, International Data Analysis (IDA) Journal.
- 2006 - present** *Independent Consultant*. Consulting for **IPVALUE** and other North American companies, in the general areas of data management and data analysis.

VISITING PROFESSOR

Mar 2015 – Apr 2018 *University of Trento*, Trento, Italy.

INVITED PROFESSOR

Jan 2012 – Feb 2012 *Qatar Computing Research Institute*, Doha, Qatar.

Jul 2008 – Aug 2008 *National University of Singapore*, Singapore.

PROFESSIONAL EXPERIENCE

- 2011 - 2013** *Vice-Chair, Data and Knowledge Engineering Research Area, Trento RISE*, Trento, Italy. Setting the research directions of the DKE Research Area (involving 26 faculty and research staff members, and 60 Postdoc, PhD, and MSc students), promoting the visibility of the work, and strengthening the collaborations with the industry.
- 2010 - 2013** *Associate Professor, University of Trento*, Trento, Italy. Performing research, supervising MSc and PhD students, and teaching courses in the areas of data management and data analysis, and web data analytics.
- 2006 - 2010** *Assistant Professor, University of Trento*, Trento, Italy. Performing research, supervising MSc and PhD students, and teaching courses in the areas of databases, data management, and data analysis.
- 2004 – 2006** *IBM T.J. Watson Research Center*, Hawthorne, NY, USA. Processing and analysis of streaming data, data mining and knowledge extraction from very large datasets, model-driven business transformation, e-commerce architectures. Member of the **IBM Academy of Technology Study** on Event Processing.
- 2003 – 2004** *Researcher, University of California, Riverside*. Work with *Dimitrios Gunopulos*.
 - Distributed deviation detection in streaming data.
 - Online algorithms for time-decaying approximations of streaming time series.
- Summer 2001** *Research Assistant, IBM Almaden Research Center*, San Jose, CA, USA. Work with *Hamid Pirahesh*.
 - Efficient incremental view maintenance (handling views with super aggregates, i.e., GROUPING SETS, ROLLUP, and CUBE) for non-distributive aggregate functions (MIN, MAX, STDDEV, XMLAGG, etc.). Implemented in the DBMS engine of IBM DB2 Universal Database.
 - Rewrite rules for predicate pushdown through super aggregates.
- Summer 2000** *Research Assistant, Microsoft Research*, Redmond, WA, USA. Work with *Paul Larson*. Analysis, design, and implementation of novel semantic cache (handling general SQL queries) management policies for a relational DBMS. Implemented in the DBMS engine of Microsoft SQL Server.
- 1996 - 2002** *Research Assistant, University of Toronto*, Canada. Work with *Alberto Mendelzon*.

- Approximate query answering and deviation detection in data warehouses.
- Reducing time latencies in the Web via prefetching.

- 1995 - 1996** *Research Assistant, INTRASOFT*, Greece. Analysis, design, and implementation of an electronic document management system.
- 1995** *Computer Analyst, Ministry of Culture*, Greece. Analysis, design, and implementation of a database system for the European conference "Neohellenic Studies in Europe".
- 1994 - 1996** *Computer Analyst, Ministry of Culture*, Greece. Support for the computer and MIS systems of the program "Aegean Archipelago".

EDUCATION

- 2002** *PhD*, in the Computer Science department of the University of Toronto, Canada. Thesis title: "*Data Reduction in Data Warehouses*". Supervisor: **Alberto Mendelzon**.
- 1998** *MSc* in the Computer Science department of the University of Toronto, Canada. Thesis title: "*Web Prefetching Using Partial Match Prediction*". Supervisor: **Alberto Mendelzon**.
- 1996** *B.Sc.* in Electrical and Computer Engineering, National Technical University of Athens, Greece. GPA in Computer Science courses 9.55/10. Graduation GPA 8.73. Ranking top 5%. Thesis title: "*MultiDoc: Document Management System*". Supervisor: **Timos Sellis**.

TEACHING EXPERIENCE

- 2017 – present** *Full Professor, Paris Descartes University* (Paris, France). Responsible for teaching courses, preparing and grading homework and exams. Courses (reduced workload as a Senior Member of the Institut Universitaire de France):
- *Advanced Data Bases: Modern Data Management Systems (graduate course)*
- 2013 – 2017** *Full Professor, Paris Descartes University* (Paris, France). Responsible for teaching courses, preparing and grading homework and exams. Courses:
- *Advanced Data Bases: Modern Data Management Systems (graduate course)*
- *Data Warehouses and Business Intelligence (graduate course)*
- *XML Technologies (graduate course)*
- *Advanced Database Systems*
- July 2016** *Invited Tutorial, Big Data Center of Excellence (ScaDS Technical University of Dresden/University of Leipzig)* in the 2nd *International Summer School on Big Data*, Leipzig, Germany:
- *Blocking for Big Data Integration (graduate-level course on entity resolution)*
- April 2016** *Invited Course, University of Trento* (Trento, Italy):
- *Advanced Data Bases: Modern Data Management Systems (graduate course)*
- Summer 2014** *4-Day Training Program on Time Series Analytics, Technicolor* (Rennes, France). Responsible for organizing the training program, and preparing the relevant teaching material and exercises. The goal of the training program was to give Technicolor employees an in-depth coverage of the foundations, techniques, algorithms, and tools relevant to time series, including:
- *summarizations (DFT, DCT, DWT, PAA, PLA, APCA, iSAX)*
- *distance functions (Euclidean Distance, Pearson Correlation, DTW, LCSS)*
- *lower bounds (for DTW, iSAX, Uniform Scaling)*
- *indexing (R-Trees, iSAX, iSAX2+, ADS+, Vertical Scan)*

- mining (classification, clustering, motifs, outliers)
- streaming processing (summarizations, similarity matching)

- 2011 – 2013** **Associate Professor, University of Trento** (Trento, Italy). Responsible for teaching courses, preparing and grading homework and exams. Courses:
- *Massive Data Analytics* (graduate course)
 - *Functional Programming*
- 2010 – 2011** **Associate Professor, University of Trento** (Trento, Italy). Responsible for teaching courses, preparing and grading homework and exams. Courses:
- *Data Mining for Knowledge Management* (graduate course)
 - *Functional Programming*
 - *Informatics* (responsible for half of the course)
 - *Wireless Sensor Networks* (graduate course; responsible for a section of the course)
- June 2010** **Invited Tutorial, Ecole Polytechnique Federale de Lausanne (EPFL)**, Lausanne, Switzerland, in the **Summer Research Institute, School of Computer and Communication Sciences**:
- *Taming the Streams* (graduate-level course on streaming data analytics)
- 2007 – 2010** **Assistant Professor, University of Trento** (Trento, Italy). Responsible for teaching courses, preparing and grading homework and exams. Courses:
- *Data Mining for Knowledge Management* (graduate course)
 - *Informatics* (responsible for half of the course)
 - *Wireless Sensor Networks* (graduate course; responsible for a section of the course)
- 1997 - 2002** **Teaching Assistant, University of Toronto** (Toronto, Canada). Responsible for holding classes (teaching new material) and grading homework and exams. Courses:
- *CSC 2509, Data Management Systems* (graduate level course).
 - *CSC 434, Database Management Systems (using DB2 Universal Database)*.
 - *CSC 343, Introduction to Databases*.
 - *CSC 340, Information Systems Analysis and Design*.
 - *CSC 228, File Structures and Data Management*.
 - *CSC 108, Introduction to Computer Programming*.
- 1995** **Teaching Assistant, National Technical University of Athens** (Athens, Greece). Responsible for holding tutorial sessions and grading homework. Course:
- *Programming Techniques*.

HONORS AND AWARDS

- **Senior Member, Institut Universitaire de France (IUF)**, Ministry of Higher Education, 2017 (acceptance rate 2% of French professors across all disciplines)
 - awarded for research excellence and international recognition
- **Facebook Faculty Gift**, 2015
 - awarded to support our work on data series management
- **AI Mashup Challenge 2013, 3rd Prize**, Semantic and Intelligent Mashups Competition of the European Semantic Web Conference, 2013
 - awarded for paper and corresponding tool: *TWINDEX Fuorisalone: Social listening of FuoriSalone 2013*
- **IBM Shared University Research Award**, IBM Research, 2012
 - awarded for my work on streaming data series processing after an international selection
- **Best Paper Award**, IEEE International Conference on Pervasive Computing and Communications (PerCom), 2012 (acceptance rate 11%)

- awarded for the paper: *What Does Model-Driven Data Acquisition Really Achieve in Wireless Sensor Networks?*
- **Best Paper** Award, IEEE International Conference on Data Engineering (ICDE), 2010 (acceptance rate 12%)
 - awarded for the paper: *TASM: Top-k Approximate Subtree Matching*
- **Best Paper** Award, International Conference on Adaptive and Self-adaptive Systems and Applications (ADAPTIVE), 2009 (acceptance rate 29%)
 - awarded for the paper: *Adaptivity in Entity Subscription Services*
- **Precarn** student scholarship (Networks of Centres of Excellence, Canada), 2002
 - awarded for exceptional research at the graduate level
- Open Fellowship, *University of Toronto*, 1996 – 2002
 - awarded to the best graduate students
- Graduate studies fellowship, *Hellenic-Canadian Association*, 1996
 - two awarded each year
- Honorary Diploma, *Greek Mathematic Society*, 1991
 - awarded for exceptional performance at the national competition in mathematics

INVITED TALKS

1. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *Pontifical Catholic University of Chile*, Santiago, Chile, September 2018.
2. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *Buenos Aires Institute of Technology (ITBA)*, Buenos Aires, Argentina, September 2018.
3. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *George Mason University (GMU)*, Washington DC, USA, June 2018.
4. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *University of Texas at Arlington (UTA)*, Arlington, TX, USA, June 2018.
5. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *New York University (NYU)*, New York, NY, USA, June 2018.
6. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *Massachusetts Institute of Technology (MIT)*, Boston, MA, USA, June 2018.
7. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *Harvard University*, Boston, MA, USA, June 2018.
8. End-to-End Entity Resolution for Structured and Semi-Structured Data. *Technical University of Berlin*, Berlin, Germany, April 2018.
9. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *Hasso-Plattner Institute*, Potsdam, Germany, April 2018.
10. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *Humboldt University of Berlin*, Berlin, Germany, April 2018.
11. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *SystemX*, Paris, France, March 2018.
12. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *Inria Sophia Antipolis*, Montpellier, France, March 2018.
13. Data Series Management: Fulfilling the Need for Big Sequence Analytics. *University of Paris-Sud*, Paris, France, March 2018.
14. Complex Analytics on Data Streams and Data Series. *Scality*, Paris, France, March 2018.
15. Visualizations for Analytics on Very Large Data Series Collections. *Dagstuhl Seminar (17461) on Connecting Visualization and Data Management Research*, Dagstuhl, Germany, November 2017.
16. Intelligent Analytics for Smart Cities Big Data. **Plenary Keynote** talk in the *IEEE European Summer School on Smart Cities*, Trento, Italy, September 2017.
17. Data Series Management: The Next Challenge. *University of Salento*, Lecce, Italy, September 2017.
18. Data Series Management: The Next Challenge. *University of Genova*, Genova, Italy, July 2017.
19. The Parallel and Distributed Future of Data Series Mining. **Plenary Keynote** talk in the *International Workshop on Parallel and Distributed Data Mining (WPDM)*, in conjunction with the *International Conference on High Performance Computing & Simulation (HPCS)*, Genova, Italy, July 2017.
20. Online and Scalable Semantic Data Analytics. *Dagstuhl Seminar (17262) on Federated Semantic Data Management*, Dagstuhl, Germany, June 2017.
21. Riding the Big IoT Data Wave: Complex Analytics for IoT Data Series. *Telecom ParisTech*, Paris, France, April 2017.

22. Data Series Management: The Next Challenge. **Plenary Keynote** talk in the *Danish Center for Big Data Analytics driven Innovation (DABAI)* conference, Lyngby (Copenhagen), Denmark, March 2017.
23. Riding the Big IoT Data Wave: Complex Analytics for IoT Data Series. *IBM Research*, Dublin, Ireland, March 2017.
24. Complex Analytics for Big Sequence Collections. *Airbus*, Toulouse, France, March 2017.
25. Riding the Big IoT Data Wave: Complex Analytics for IoT Data Series. *Pierre and Marie Curie University*, Paris, France, February 2017.
26. Data Series Management: The Next Challenge. *Ludwig-Maximilians-Universitat (LMU) Munich*, Munich, Germany, February 2017.
27. Riding the Big IoT Data Wave: Complex Analytics for IoT Data Series. *Microsoft*, Munich, Germany, December 2016.
28. Complex Analytics for Big Sequence Collections. *Huawei European Research Center*, Munich, Germany, December 2016.
29. Exploratory Analytics for Big Sequence Collections. *Oracle Labs*, Redwood Shores, CA, USA, September 2016.
30. Exploratory Analytics for Big Sequence Collections. *Amazon*, San Francisco Bay Area, CA, USA, September 2016.
31. Blocking for Big Data Integration. *2nd International Big Data Center of Excellence (ScaDS Dresden/Leipzig): Summer School on Big Data*, Leipzig, Germany, July 2016.
32. Data Series Management: The Road to Big Sequence Analytics. *University of Crete*, Heraklion, Greece, June 2016.
33. Data Series Management: The Road to Big Sequence Analytics. *Max Planck Institute*, Saarbrucken, Germany, June 2016.
34. Enabling Exploratory Analysis on Very Large Scientific Data. *SAP SE*, Walldorf, Germany, June 2016.
35. Data Series Management: The Road to Big Sequence Analytics. *University of Trento*, Trento, Italy, May 2016.
36. Data Series Management: The Next Challenge. **Plenary Keynote** talk in the 32nd *International Conference on Data Engineering (ICDE) PhD Symposium*, Helsinki, Finland, May 2016.
37. Enabling Exploratory Analysis on Very Large Scientific Data. *Technical University of Denmark*, Lyngby (Copenhagen), Denmark, April 2016.
38. Data Series Management: The Road to Big Sequence Analytics. *Aalborg University*, Aalborg, Denmark, April 2016.
39. Data Series Management: The Road to Big Sequence Analytics. *Stockholm University*, Stockholm, Sweden, April 2016.
40. Enabling Exploratory Analysis on Very Large Scientific Data. *Cergy-Pontoise University*, Paris, France, February 2016.
41. Big Sequence Management. **Plenary Keynote** talk in the 42nd *International Conference on Current Trends in Theory and Practice of Computer Science (SOFSEM)*, Harrachov, Czech Republic, January 2016.
42. Enabling Exploratory Analysis on Very Large Scientific Data. *SAP SE*, Dresden, Germany, January 2016.
43. Do It Yourself: Exploratory Analysis of Very Large Scientific Data. *Paris Diderot University*, Paris, France, January 2016.
44. Data Series Management: The Road to Big Sequence Analytics. *Technical University of Dresden*, Dresden, Germany, January 2016.
45. Data Series Management: The Road to Big Sequence Analytics. *University of California at Los Angeles (UCLA)*, Los Angeles, CA, USA, September 2015.
46. Data Series Management: The Road to Big Sequence Analytics. *University of California at Irvine (UCI)*, Irvine, CA, USA, September 2015.
47. Big Sequence Management. *Facebook*, Menlo Park, CA, USA, August 2015.
48. Data Series Management: The Road to Big Sequence Analytics. *Hewlett-Packard Labs*, Palo Alto, CA, USA, August 2015.
49. Online and Scalable Data Analytics. *Huawei Research Center* – Silicon Valley, Santa Clara, CA, USA, August 2015.
50. Big Sequence Management. *IBM Almaden Research Center*, San Jose, CA, USA, August 2015.
51. Big Sequence Management. **Plenary Keynote** talk in the 2nd *Huawei Distributed Computing Summit*, Lucerne, Switzerland, July 2015.
52. Milking the Streams. *University of Athens*, Athens, Greece, June 2015.
53. Big Sequence Management. *University of Piraeus*, Athens, Greece, June 2015.
54. Milking the Streams. *Humboldt University of Berlin*, Berlin, Germany, May 2015.
55. Big Sequence Management. *Huawei Research Center* – Paris, Paris, France, April 2015.

56. Big Sequence Management: Enabling Analysis of Very Large Scientific Data. *Ludwig-Maximilians-Universität (LMU) Munich*, Munich, Germany, December 2014.
57. Big Sequence Management. Invited talk in Data Science **Colloquium** in *Ecole Polytechnique*, Paris, France, November 2014.
58. Do It Yourself: Exploratory Analysis of Very Large Scientific Data. *University of Rennes 1*, Rennes, France, October 2014.
59. Do It Yourself: Exploratory Analysis of Very Large Scientific Data. *Fudan University*, Shanghai, China, September 2014.
60. Do It Yourself: Exploratory Analysis of Very Large Scientific Data. *East China Normal University*, Shanghai, China, September 2014.
61. Themis Palpanas, Panagiotis Papapetrou. Time Series Analytics. *Technicolor Research & Innovation Laboratory*, Rennes, France, July/October 2014.
62. Do It Yourself: Exploratory Analysis of Very Large Scientific Data. **Plenary Keynote** talk in the *European Conference on Data Analysis (ECDA)*, Bremen, Germany, July 2014.
63. Enabling Exploratory Analysis on Very Large Scientific Data. *Humboldt University of Berlin*, Berlin, Germany, February 2014.
64. Enabling Exploratory Analysis on Very Large Scientific Data. *Technical University of Berlin*, Berlin, Germany, February 2014.
65. Enabling Exploratory Analysis on Very Large Scientific Data. *Inria Rocquencourt*, Paris, France, December 2013.
66. Enabling Exploratory Analysis on Very Large Scientific Data. *Conservatoire National des Arts et Metiers (CNAM)*, Paris, France, December 2013.
67. Enabling Exploratory Analysis on Very Large Scientific Data. *Inria Sophia Antipolis*, Montpellier, France, December 2013.
68. Milking the Streams. *Technicolor*, Paris, France, November 2013.
69. Enabling Exploratory Analysis on Very Large Scientific Data. *Rutgers University*, Newark, NJ, USA, June 2013.
70. Enabling Exploratory Analysis on Very Large Scientific Data. *Paris Dauphine University*, Paris, France, May 2013.
71. Enabling Exploratory Analysis on Very Large Scientific Data. *Columbia University*, New York, NY, USA, March 2013.
72. Enabling Exploratory Analysis on Very Large Scientific Data. *AT&T Labs - Research*, Florham Park, NJ, USA, March 2013.
73. Enabling Exploratory Analysis on Very Large Scientific Data. *University of Ioannina*, Ioannina, Greece, January 2013.
74. Entity Resolution for Big Data. *INRIA Saclay*, Paris, France, December 2012.
75. Enabling Exploratory Analysis on Very Large Scientific Data. *Technical University of Munich (TUM)*, Munich, Germany, December 2012.
76. Indexing and Mining Scientific Data: Beyond One Billion Data Series. *Paris Descartes University*, Paris, France, April 2012.
77. Uncertainty in Querying and Monitoring Streams. *International Workshop on Innovative Querying of Streams (INQUEST)*, *University of Oxford*, Oxford, England, March 2012.
78. Real-Time Data Analytics in Sensor Networks. *IBM Research Labs Dublin*, Dublin, Ireland, September 2012.
79. Indexing and Mining Scientific Data: Beyond One Billion Data Series. *University of Oxford*, Oxford, England, March 2012.
80. Really Scalable Indexing and Mining of Data Series. *Acunu Ltd*, London, England, March 2012.
81. Indexing and Mining Scientific Data: Beyond One Billion Data Series. *King Abdullah University of Science and Technology (KAUST)*, Jeddah, Saudi Arabia, February 2012.
82. Indexing and Mining Scientific Data: Beyond One Billion Data Series. *Qatar Foundation*, Doha, Qatar, January 2012.
83. Indexing and Mining Scientific Data: Beyond One Billion Data Series. *Athens University of Economics and Business (AUEB)*, Athens, Greece, January 2012.
84. Indexing and Mining Scientific Data: Beyond One Billion Data Series. *University of Athens (UoA)*, Athens, Greece, January 2012.
85. Indexing and Mining Scientific Data: Beyond One Billion Data Series. *Swiss Federal Institute of Technology (ETH) Zurich*, Zurich, Switzerland, December 2011.
86. Indexing and Mining Scientific Data: Beyond One Billion Data Series. *IBM Research Labs Zurich*, Zurich, Switzerland, December 2011.
87. Indexing and Mining One Billion Time Series. *Microsoft Research*, Redmond, WA, USA, September 2011.

88. Indexing and Mining One Billion Time Series. *Intel Research*, Portland, OR, USA, September 2011.
89. Indexing and Mining One Billion Time Series. *University of Alberta*, Edmonton, Canada, September 2011.
90. Real-Time Streaming Data Processing and Analysis for Green Manufacturing. *Innovation Hub for Mechatronics and Advanced Production Systems (MESAP)*, Turin, Italy, July 2011.
91. Taming the Streams. *University of Vienna*, Vienna, Austria, May 2011.
92. iSAX 2.0: Indexing and Mining One Billion Time Series. *RWTH Aachen University*, Aachen, Germany, April 2011.
93. Entity Name System: Enabling the Web of Entities. *National University of Singapore*, Singapore, September 2010.
94. Taming the Streams. *Summer Research Institute, School of Computer and Communication Sciences, Ecole Polytechnique Federale de Lausanne (EPFL)*, Lausanne, Switzerland, June 2010.
95. Entity Name System: Enabling the Web of Entities. *Google Research*, Mountain View, CA, March 2010.
96. Entity Name System: Master Data Management Meets the Web. *Hewlett-Packard Labs*, Palo Alto, CA, USA, March 2010.
97. Getting the Most Out of Your Streams. *Ludwig-Maximilians-Universitat (LMU) Munich*, Munich, Germany. November 2009.
98. Entity Name System: Master Data Management Meets the Web. *IBM Watson Research Center*, Hawthorne, NY, USA, June 2009.
99. Online Event Processing. *University of Sydney*, Sydney, Australia. September 2008.
100. Online Event Processing. *University of New South Wales*, Sydney, Australia. September 2008.
101. Getting the Most Out of Your Streams. *National University of Singapore*, Singapore. August 2008.
102. Online Event Processing. *National University of Singapore*, Singapore. January 2008.
103. Online Event Processing. *Singapore Management University*, Singapore. January 2008.
104. Knowledge Management for the Business Analyst. *International Workshop and Summer School on Services Science Management and Engineering (SSME)*, Heraklion, Greece. May 2007.
105. The Interesting Part of Streams. *AT&T Labs - Research*, Florham Park, NJ, USA, May 2006.
106. The Interesting Part of Streams. *Columbia University*, New York, NY, USA, April 2006.
107. The Interesting Part of Streams. *University of Duke*, Durham, NC, USA, February 2006.
108. Streaming Opportunities. *Politecnico di Milano*, Milan, Italy, May 2005.
109. Online Amnesic Approximations of Streaming Time Series. *University of California at Los Angeles (UCLA)*, Los Angeles, CA, July 2004.
110. Online Amnesic Approximations of Streaming Time Series. *University of Trento*, Trento, Italy, May 2004.
111. Online Amnesic Approximations of Streaming Time Series. *University of Helsinki*, Helsinki, Finland, May 2004.
112. Online Amnesic Approximations of Streaming Time Series. *IBM Watson Research Center*, Hawthorne, NY, April 2004.
113. Online Amnesic Approximations of Streaming Time Series. *New York University*, New York, NY, April 2004.
114. Efficiently Maintaining Views with Non-Distributive Aggregate Functions. *Universita Roma Tre*, Rome, Italy, January 2004.
115. Time-decaying Representations of Streaming Time Series. *University of Toronto*, Toronto, Canada, September 2003.
116. The Many Views of a Database. *IBM Almaden Research Center*, San Jose, CA, USA, May 2002.
117. Using Data Reduction in Data Warehouses. *National Technical University of Athens*, Athens, Greece, September 2002.
118. Incremental View Maintenance Using Selective Recomputation. *University of Athens*, Athens, Greece, September 2002.
119. Approximate Query Answering and Deviation Detection in Data Warehouses. *University of Washington*, Seattle, WA, USA, July 2001.

PROJECTS

Finalist with **European Research Council** (ERC) Consolidator Grant 2015 proposal *Big Sequence Management*.

Finalist with **European Research Council** (ERC) Consolidator Grant 2014 proposal *Big Sequence Management*: proposal fully met the ERC's evaluation criteria, but was not funded due to the limitations of the overall budget.

Finalist with **European Research Council** (ERC) Starting Grant 2009 proposal *Enabling Real-Time Business Intelligence*: proposal fully met the ERC's evaluation criteria, but was not funded due to the limitations of the overall budget.

1. Machine Learning for Recommendations and Profile Modeling in Social Networks. **Lounjee** (France). Grant amount **€7,000**. Timeframe 2018-2019. Role: Coordinator.
2. Analysis of Engine Test Data. **Safran** (France). Grant amount **€80,000**. Timeframe 2018-2019. Role: Coordinator.
3. Optimization of QoE of Mobile Broadband Services through Machine Learning (OPTIMAL). **European Commission** (EU), Measuring Mobile Broadband Networks in Europe (MONROE), Open Call 2. Grant amount **€98,100**. Timeframe 2017-2018. Role: coordinator for the Paris Descartes University.
4. Next Generation Sequence Storage (NESTOR). **European Commission** (EU): Marie Skłodowska-Curie Individual Fellowships (H2020-MSCA-IF-2016)/Global Fellowship (MSCA-IF-GF) 748945. Grant amount **€246,700**. Timeframe 2017-2020. Role: Coordinator.
5. Very Large Time Series Analysis for Predictive Maintenance. **Jacques Hadamard Mathematical Foundation** (FMJH), Research Initiative in Industrial Data Science (IRSIDI). Grant amount **€20,000**. Timeframe 2017 (one year). Role: coordinator of the project.
6. TimeClean: Time Series Analysis as a Means to Clean Datasets from Unwanted Objects. **Centre National de la Recherche Scientifique** (CNRS), MASTODONS Activity (France). Grant amount **€17,800**. Timeframe 2016. Role: collaborator.
7. Data Series Management. **Facebook** (USA). Grant amount **€37,200**. Timeframe 2015-2016. Role: coordinator.
8. CrowdHealth: A Crowdsourcing Platform for health-Related Hypothesis Testing. **Centre National de la Recherche Scientifique** (CNRS), MASTODONS Activity (France). Grant amount **€30,000**. Timeframe 2014-2015. Role: collaborator.
9. Big Data Recommendation and Analysis for Plant Phenotyping. **Centre National de la Recherche Scientifique** (CNRS), MASTODONS Activity (France). Grant amount **€30,000**. Timeframe 2013-2014. Role: collaborator.
10. City Data Fusion for Event Management. **EIT ICT Labs**, KIC Activity. Grant amount **€500,000**. Timeframe 2014 (one year). Role: coordinator for the University of Trento.
11. Large Scale City-Pattern Recognition. **Shared University Research** (SUR) grant, **IBM Research** (Ireland). Grant amount **\$ 35,000**. Timeframe 2012-2013. Role: coordinator of the project.
12. eSecurity: ICT for Knowledge-Based and Predictive Urban Security. **European Commission** (EU): Prevention of and Fight Against Crime. Grant amount **€400,000**. Timeframe 2012-2015. Role: leader for one of the research tracks.
13. FAKECARE: Developing Expertise Against the Online Trade of Fake Medicines by Producing and Disseminating Knowledge, Counterstrategies and Tools Across the EU. **European Commission** (EU): Prevention of and Fight Against Crime. Grant amount **€365,000**. Timeframe 2012-2015. Role: leader for one of the research tracks.
14. Analytics as a Service. **Hewlett-Packard Research Labs** (USA). Grant amount **\$6,000**. Timeframe 2011. Role: coordinator of the project.
15. WEB PRO ID: Developing Web-Based Data Collection Modules to Understand, Prevent and Combat ID Related Crimes and Facilitate their Investigation and Prosecution. **European Commission** (EU): Prevention of and Fight Against Crime. Grant amount **€200,000**. Timeframe 2011-2013. Role: leader for one of the work packages.
16. Knowledge, Awareness and Prediction of Man, Machine, Material and Method in Manufacturing. **Seventh Framework Programme** (EU), Large-scale Integrating Project 260111. Grant amount **€7,500,000**. Timeframe 2010-2013. Role: coordinator for the University of Trento.
17. Enabling the Web of Entities. **Seventh Framework Programme** (EU), Large-scale Integrating Project 215032. Grant amount **€ 8,200,000**. Timeframe 2008-2011. Role: leader for one of the 3 core work packages.
18. Trentino Research and Innovation for Tunnel Monitoring. Provincia Autonoma di Trento (Italy). Grant amount **€ 5,300,000**. Timeframe 2007-2010. Role: leader for the Streaming Data Processing and Analysis line of work.
19. Information Management Lab. **IBM Country Project** (EMEA). Grant amount **€ 20,200**. Timeframe 2007-2010. Role: coordinator of the project.
20. An Adaptive Scalable Architecture for Dynamic Sensor Networks. **National Science Foundation** Award (USA) 0330481. Grant amount **\$600,000**. Timeframe 2003 – 2005. Role: leader for the Deviation Detection on Asynchronous Streams line of research.

PATENTS

1. Alice Marascu, Themis Palpanas, Olivier Verscheure. *Mining of Composite Patterns Across Multiple Multi-Dimensional Data Sources*. YOR920150374US1, 2015.
2. Enrico Iori, Alkiviadis Simitsis, Themis Palpanas, William K. Wilkinson, Stavros Harizopoulos. *Resource Sharing in Computer Clusters According to Objectives*. US Patent 8,972,579, 2015 (HP-82900652, 2012).
3. Mikalai Tsytsarau, Malu Castellanos, Themis Palpanas, Meichun Hsu, Umeshwar Dayal. *Identifying News Events That Cause A Shift In Sentiment*. US Patent 20130290232, 2013 (HP-82962988, 2012).
4. Denilson Barbosa, Nikolaus Augsten, Michael Bohlen, Themis Palpanas. *Systems and Methods for Efficient Top-k Approximate Subtree Matching*. US Patent 20120254251, 2012 (CA 61/448,996, 2011).
5. Pawan Chowdhary, Florian Pinel, Themis Palpanas, Shyh-Kwei Chen. *System and Method for Model Driven Dashboard for Business Performance Management*. US Patent 20080163164, 2008 (YOR8-2006-0200, 2006). **[part of IBM MDBT commercial family of products]**
6. Ioana Stanoi, George Mihaila, Themis Palpanas, Christian Lang. *Maximization of Sustained Throughput of Distributed Continuous Queries*. US Patent 7,496,683, 2009 (YOR8-2005-0807, 2005).
7. George Mihaila, Pawan Chowdhary, Themis Palpanas, Hui Lei. *Updating a Data Warehouse Schema Based on Changes in an Observation Model*. US Patent 7,418,453, 2008 (YOR8-2005-0596, 2005). **[part of IBM MDBT commercial family of products]**
8. Panayiotis Tsaparas, Themis Palpanas, Yannis Kotidis, Nick Koudas, Divesh Srivastava. *Method and Apparatus for Ranked Join Indices*. US Patent 7,664,749, 2010 (AT&T2002-0390, 2003).
9. Themis Palpanas, Richard Sidle, Roberta Cochrane, Hamid Pirahesh. *System and Method for Incrementally Maintaining Non-Distributive Aggregate Functions in a Relational Database*. US Patent 7,020,649, 2006 (ARC920020042US1, 2002). **[part of IBM DB2 UDB commercial product]**

TUTORIALS

1. Davide Mottin, Matteo Lissandrini, Yannis Velegrakis, Themis Palpanas. *New Trends on Exploratory Methods for Data Analytics*. International Conference on Very Large DataBases (VLDB), Munich, Germany, August 2017.
2. George Papadakis, Themis Palpanas. *Blocking for Big Data Integration*. 2nd International Big Data Center of Excellence (ScaDS Dresden/Leipzig): Summer School on Big Data, Leipzig, Germany, July 2016.
3. George Papadakis, Themis Palpanas. *Blocking for Large-Scale Entity Resolution: Challenges, Algorithms, and Practical Examples*. International Conference on Data Engineering (ICDE), Helsinki, Finland, May 2016.
4. George Papadakis, Themis Palpanas. *Blocking Techniques for Web-Scale Entity Resolution*. International Conference on Web Information System Engineering (WISE), Thessaloniki, Greece, October 2014.
5. Themis Palpanas, Panagiotis Papapetrou. *Time Series Analytics*. Technicolor Research & Innovation Laboratory, Rennes, France, July/October 2014.
6. Adrian Paschke, Paul Vincent, Catherine Moxey, Alex Alves, Themis Palpanas. *Event Processing Architectures*. ACM International Conference on Distributed Event-Based Systems (DEBS), Cambridge, United Kingdom, July 2010.
7. Themis Palpanas. *Taming the Streams*. Summer Research Institute, School of Computer and Communication Sciences, Ecole Polytechnique Federale de Lausanne (EPFL), Lausanne, Switzerland, June 2010.

PUBLICATIONS

h-Index 33, with **>4200 citations**, **9 papers** with more than **100 citations**.

3 best paper awards, in PERCOM 2012 (acceptance rate 11%), ICDE 2010 (acceptance rate 12%), and ADAPTIVE 2009 (acceptance rate 29%).

• *Editorship*

1. Nick Bassiliades, Mirjana Ivanovic, Margita Kon-Popovska, Yannis Manolopoulos, Themis Palpanas, Goce Trajcevski, Athena Vakali (Eds.): *New Trends in Databases and Information Systems*, 18th East European Conference on Advances in Databases and Information Systems, ADBIS 2014, Ohrid, Macedonia, September 7-10, 2014. Proceedings II. Advances in Intelligent Systems and Computing 312, Springer ISBN 978-3-319-10517-8, 2015.

2. Barbara Catania, Tania Cerquitelli, Silvia Chiusano, Giovanna Guerrini, Mirko Kämpf, Alfons Kemper, Boris Novikov, Themis Palpanas, Jaroslav Pokorný, Athena Vakali (Eds.): *New Trends in Databases and Information Systems*, 17th East European Conference on Advances in Databases and Information Systems, ADBIS 2013, Genoa, Italy, September 1-4, 2013. *Proceedings II. Advances in Intelligent Systems and Computing* 241, Springer ISBN 978-3-319-01862-1, 2014.

- **Book Chapters**

1. Sihem Amer-Yahia, Themis Palpanas, Mikalai Tsytsarau, Sofia Kleisarchaki, Ahlame Douzal, Vassilis Christophides. *Temporal Analytics in Social Media*. In *Encyclopedia of Database Systems*, Springer, 2017.
2. Themis Palpanas, Panayiotis Tsaparas. *Rank-Join Indices*. In *Encyclopedia of Database Systems*, Springer, pp 1-5, 2016.
3. Themis Palpanas. *Real-Time Data Analytics in Sensor Networks*. In *Managing and Mining Sensor Data*, Springer, pp 175-212, 2013.

- **Journals**

1. Haridimos Kondylakis, Niv Dayan, Kostas Zoumpatianos, Themis Palpanas. *Coconut: A Bottom-Up Approach for Building Data Series Indexes*. *Proceedings of the VLDB Endowment (PVLDB) Journal*, 2018.
2. Vasilis Efthymiou, George Papadakis, George Papastefanatos, Kostas Stefanidis, Themis Palpanas. *Parallel Meta-blocking for Scaling Entity Resolution over Big Heterogeneous Data*. *Information Systems Journal (IS)*, 65: 137-157, 2017.
3. Katsiaryna Mirylenka, George Giannakopoulos, Le Minh Do, Themis Palpanas. *On Classifier Behavior in the Presence of Mislabeling Noise*. *Data Mining and Knowledge Discovery (DAMI) Journal*, 31(3): 661-701, 2017.
4. Pavlos Paraskevopoulos, Themis Palpanas. *Where has this Tweet Come From? Fast and Fine-Grained Geolocalisation of Non-Geotagged Tweets*. *Social Network Analysis and Mining (SNAM) Journal* 6(1), pp 1-16, 2016.
5. George Papadakis, George Papastefanatos, Themis Palpanas, Manolis Koubarakis. *Boosting the Efficiency of Large-scale Entity Resolution with Enhanced Meta-blocking*. *Big Data Research (BDR) Journal*, 6: 43-63, 2016.
6. Kostas Zoumpatianos, Stratos Idreos, Themis Palpanas. *ADS: The Adaptive Data Series Index*. *International Journal on Very Large Data Bases (VLDBJ)* 25(6), 2016.
7. Mikalai Tsytsarau, Themis Palpanas. *Managing Diverse Sentiments at Large Scale*. *IEEE Transactions on Knowledge and Data Engineering (TKDE)*, 28(11), 2016.
8. Davide Mottin, Alice Marascu, Senjuti Basu Roy, Gautam Das, Themis Palpanas, Yannis Velegrakis. *A Holistic and Principled Approach for the Empty-Answer Problem*. *International Journal on Very Large Data Bases (VLDBJ)* 25(4), 2016.
9. Davide Mottin, Matteo Lissandrini, Yannis Velegrakis, Themis Palpanas. *Exemplar Queries: A New Way of Searching*. *International Journal on Very Large Data Bases (VLDBJ)* 25(6), 2016.
10. George Papadakis, Jonathan Svirsky, Avigdor Gal, Themis Palpanas. *Comparative Analysis of Approximate Blocking Techniques for Entity Resolution*. *Proceedings of the VLDB Endowment (PVLDB) Journal* 9(9), 2016.
11. Themis Palpanas. *Big Sequence Management: A Glimpse on the Past, the Present, and the Future*. *Lecture Notes on Computer Science (LNCS)* 9587, pp 1-18, 2016.
12. Themis Palpanas. *Data Series Management: The Road to Big Sequence Analytics*. *ACM SIGMOD Record, Special Issue on Visionary Ideas in Data Management*, 44(2), pp 47-52, 2015.
13. Kostas Zoumpatianos, Stratos Idreos, Themis Palpanas. *RINSE: Interactive Data Series Exploration*. *Proceedings of the VLDB Endowment (PVLDB) Journal* 8(12), pp 1912-1923, 2015.
14. Usman Raza, Alessandro Camerra, Amy L. Murphy, Themis Palpanas, Gian Pietro Picco. *Practical Data Prediction for Real-World Wireless Sensor Networks*. *IEEE Transactions on Knowledge and Data Engineering (TKDE)* 27(8), pp 2231-2244, 2015.
15. Katsiaryna Mirylenka, Graham Cormode, Themis Palpanas, Divesh Srivastava. *Conditional Heavy Hitters: Detecting Interesting Correlations in Data Streams*. *International Journal on Very Large Data Bases (VLDBJ)* 24(3), pp 395-414, 2015.
16. Vassilis Christophides, Themis Palpanas. *Report on the First International Workshop on Personal Data Analytics in the Internet of Things (PDA@IOT 2014)*. *ACM SIGMOD Record* 44(1), 2015.
17. Michele Dallachiesa, Gabriela Jacques-Silva, Bugra Gedik, Kun-Lung Wu, Themis Palpanas. *Sliding Windows over Uncertain Data Streams*. *Knowledge and Information Systems (KAIS) Journal* 45(1), pp 159-190, 2015.
18. Michele Dallachiesa, Themis Palpanas, Ihab F. Ilyas. *Top-k Nearest Neighbor Search In Uncertain Data Series*. *Proceedings of the VLDB Endowment (PVLDB) Journal* 8(1), pp 13-24, 2015.

19. Matteo Lissandrini, Davide Mottin, Dimitra Papadimitriou, Themis Palpanas, Yannis Velegarakis. *Unleashing the Power of Information Graphs*. ACM SIGMOD Record 43(4), 2014.
20. Manish Agarwal, Themis Palpanas. *Linguistic Rough Sets*. International Journal of Machine Learning and Cybernetics (IJMLC), accepted for publication DOI 10.1007/s13042-014-0297-2, 2014.
21. Davide Mottin, Matteo Lissandrini, Yannis Velegarakis, Themis Palpanas. *Exemplar Queries: Give me an Example of What You Need*. Proceedings of the VLDB Endowment (PVLDB) Journal 7(5), pp 365-376, 2014.
22. Alessandro Camerra, Jin Shieh, Themis Palpanas, Thanawin Rakthanmanon, Eamonn Keogh. *Beyond One Billion Time Series: Indexing and Mining Very Large Time Series Collections with iSAX2+*. Knowledge and Information Systems (KAIS) Journal 39(1), 2014, pp 123-151.
23. George Papadakis, Georgia Koutrika, Themis Palpanas, Wolfgang Nejdl. *Meta-Blocking: Taking Entity Resolution to the Next Level*. IEEE Transactions on Knowledge and Data Engineering (TKDE) 26(8), 2014.
24. Davide Mottin, Alice Marascu, Senjuti Basu Roy, Gautam Das, Themis Palpanas, Yannis Velegarakis. *Probabilistic Optimization Framework for the Empty-Answer Problem*. Proceedings of the VLDB Endowment (PVLDB) Journal 6(14), pp 1762-1773, 2013.
25. Stefano Ceri, Emanuele Della Valle, Johann-Christoph Freytag, Themis Palpanas, Dino Pedreschi, Roberto Trasarti. *Towards Mega-Modeling: A Walk Through Data Analysis Experiences*. ACM SIGMOD Record 42(3), 2013.
26. Michele Dallachiesa, Themis Palpanas. *Identifying Streaming Frequent Items in Ad-Hoc Time Windows*. Data and Knowledge Engineering (DKE) 87, 2013.
27. George Giannakopoulos, Themis Palpanas. *Revisiting the Effect of History on Learning Performance: The Problem of the Demanding Lord*. Knowledge and Information Systems (KAIS) Journal 36(3), 2013.
28. George Papadakis, Ekaterini Ioannou, Themis Palpanas, Claudia Nederec, Wolfgang Nejdl. *A Blocking Framework for Entity Resolution in Highly Heterogeneous Information Spaces*. IEEE Transactions on Knowledge and Data Engineering (TKDE) 25(12), 2013.
29. Davide Mottin, Themis Palpanas, Yannis Velegarakis. *Entity Ranking Using Click-Log Information*. Intelligent Analysis (IDA) Journal, 17(5), 2013.
30. Themis Palpanas, Yannis Velegarakis. *dbTrento: The Data and Information Management Group at the University of Trento*. Sigmod Record 41(3), 2012.
31. Michele Dallachiesa, Besmira Nushi, Katsiaryna Mirylenka, Themis Palpanas. *Uncertain Time-Series Similarity: Return to the Basics*. Proceedings of the VLDB Endowment (PVLDB) Journal 5(11):1662-1673, 2012.
32. Mikalai Tsytsarau, Francesco Bonchi, Aristides Gionis, Themis Palpanas. *Diverse Dimension Decomposition for Itemset Spaces*. Knowledge and Information Systems (KAIS) Journal 33(2):447-473, 2012.
33. Mikalai Tsytsarau, Themis Palpanas. *Survey on Mining Subjective Data on the Web*. Data Mining and Knowledge Discovery (DAMI) Journal, 24(3), 2012, pp 478-514. Special Issue on A Decade of Mining the Web.
34. Themis Palpanas. *A Knowledge Mining Framework for Business Analysts*. ACM SIGMIS DATA BASE for Advances in Information Systems Journal, 43(1), 2012, pp46-60.
35. Nikolaus Augsten, Denilson Barbosa, Michael Bohlen, Themis Palpanas. *Efficient Top-k Approximate Subtree Matching in Small Memory*. IEEE Transactions on Knowledge and Data Engineering (TKDE) 23(8), 2011, pp 1123-1137. **INVITED PAPER to special issue.**
36. Stefano Bortoli, Themis Palpanas, Paolo Bouquet. *Decentralized Social Network Management*. International Journal of Web Based Communities (IJWBC), 7(3), 2011, pp 276-297.
37. George Giannakopoulos, Themis Palpanas. *Content and Type as Orthogonal Modeling Features: a Study on User Interest Awareness in Entity Subscription Services*. International Journal On Advances in Networks and Services 3(1), 2010, pp 289-302.
38. Nishad Manerikar, Themis Palpanas. *Frequent Items in Streaming Data: An Experimental Evaluation of the State-of-the-Art*. Data and Knowledge Engineering (DKE) 68(4), 2009: 415-430.
39. Themis Palpanas, Nick Koudas, Alberto Mendelzon. *On Space Constrained Set Selection Problems*. Data and Knowledge Engineering (DKE) 67(1), 2008, pp 200-218.
40. Themis Palpanas, Michail Vlachos, Eamonn Keogh, Dimitrios Gunopulos. *Streaming Time Series Summarization Using User-Defined Amnesic Functions*. Transactions on Knowledge and Data Engineering (TKDE) 20(7), 2008. **FEATURED ARTICLE.**
41. Ioana Stanoi, George A. Mihaila, Themis Palpanas, Christian Lang. *WhiteWater: Distributed Processing of Fast Streams*. Transactions on Knowledge and Data Engineering (TKDE) 19(9), September 2007.
42. Themis Palpanas, Pawan Chowdhary, George Mihaila, Florian Pinel. *Integrated Model-Driven Dashboard Development*. Journal of Information Systems Frontiers (ISF) 9(2-3) - Special Issue on Enterprise Services Computing: Evolution and Challenges, 2007.

43. Themis Palpanas, Nick Koudas, Alberto Mendelzon. *Using Datacube Aggregates for Approximate Querying and Deviation Detection*. IEEE Transactions on Knowledge and Data Engineering (TKDE) 17(11), November 2005.
 44. Themis Palpanas, Dimitris Papadopoulos, Vana Kalogeraki, Dimitrios Gunopulos. *Distributed Deviation Detection in Sensor Networks*. Sigmod Record 32(4), Peer-reviewed Special Issue on Sensor Technology, peer reviewed, December 2003.
 45. Themis Palpanas. *Knowledge Discovery in Data Warehouses*. Sigmod Record 29(3), September 2000.
- **Conferences**
1. Michele Linardi, Yan Zhu, Themis Palpanas, Eamonn Keogh. Matrix Profile X: VALMOD – Scalable Discovery of Variable-Length Motifs in Data Series. ACM SIG International conference on Management of Data / Principles of Database Systems (SIGMOD/PODS), Houston, TX, USA, June 2018.
 2. Michele Linardi, Yan Zhu, Themis Palpanas, Eamonn Keogh. VALMOD: A Suite for Easy and Exact Detection of Variable Length Motifs in Data Series. ACM SIG International conference on Management of Data / Principles of Database Systems (SIGMOD/PODS), Houston, TX, USA, June 2018.
 3. Matteo Lissandrini, Davide Mottin, Yannis Velegrakis, Themis Palpanas. Simple Multi-Example Search in Complex Information Spaces. In IEEE International Conference on Data Engineering (ICDE), Paris, France, April 2018.
 4. Giovanni Simonini, George Papadakis, Themis Palpanas, Sonia Bergamaschi. Schema-agnostic Progressive Entity Resolution. In IEEE International Conference on Data Engineering (ICDE), Paris, France, April 2018.
 5. Michele Linardi, Themis Palpanas. ULISSE: ULtra compact Index for Variable-Length Similarity SEArch in Data Series. In IEEE International Conference on Data Engineering (ICDE), Paris, France, April 2018.
 6. Kostas Zoumpatianos, Themis Palpanas. Data Series Management: Fulfilling the Need for Big Sequence Analytics. In IEEE International Conference on Data Engineering (ICDE) – Lightning Talk, Paris, France, April 2018.
 7. Alberto Cordioli, Themis Palpanas. An Automated System for Internet Pharmacy Verification. In International Conference on Extending Database Technology (EDBT), Vienna, Austria, March 2018.
 8. Pavlos Paraskevopoulos, Giovanni Pellegrini, Themis Palpanas. TweeLoc: A System for Geolocating Tweets at Fine-Grain. International Conference on Data Mining (ICDM), New Orleans, LA, USA, November 2017.
 9. Djamel-Edine Yagoubi, Reza Akbarinia, Florent Masseglia, Themis Palpanas. *DPiSAX: Massively Distributed Partitioned iSAX*. International Conference on Data Mining (ICDM), New Orleans, LA, USA, November 2017.
 10. George Papadakis, Konstantina Bereta, Themis Palpanas, Manolis Koubarakis. *Multi-Core Meta-Blocking for Big Linked Data*. International Conference on Semantic Systems (SEMANTiCS), Amsterdam, Netherlands, September 2017.
 11. Pavlos Paraskevopoulos, Themis Palpanas. *What do Geotagged Tweets Reveal about Mobility Behavior?* International Workshop on Mobility Analytics for Spatio-Temporal and Social Data (MATES), in conjunction with the International Conference on Very Large Data Bases (VLDB), Munich, Germany, August 2017.
 12. George Papadakis, Leonidas Tsekouras, Emmanouil Thanos, George Giannakopoulos, Themis Palpanas, Manolis Koubarakis. *JedAI: The Force Behind Entity Resolution*. Hellenic Data Management Symposium (HDMS), Athens, Greece, August 2017.
 13. Themis Palpanas. *The Parallel and Distributed Future of Data Series Mining*. International Workshop on Parallel and Distributed Data Mining (WPDMM), in conjunction with the International Conference on High Performance Computing and Simulation (HPCS), Genova, Italy, July 2017. [Invited Paper]
 14. Katsiaryna Mirylenka, Michele Dallachiesa, Themis Palpanas. *Data Series Similarity Using Correlation-Aware Measures*. International Conference on Scientific and Statistical Database Management (SSDBM), Chicago, IL, USA, June 2017.
 15. George Papadakis, Leonidas Tsekouras, Emmanouil Thanos, George Giannakopoulos, Themis Palpanas, Manolis Koubarakis. *JedAI: The Force Behind Entity Resolution*. European Semantic Web Conference (ESWC), Portoroz, Slovenia, May 2017.
 16. Katsiaryna Mirylenka, Michele Dallachiesa, Themis Palpanas. *Correlation-Aware Distance Measures for Data Series*. International Conference on Extending Database Technology (EDBT), Venice, Italy, March 2017.
 17. Pavlos Paraskevopoulos, Giovanni Pellegrini, Themis Palpanas. *When a Tweet Finds its Place: Fine-Grained Tweet Geolocalisation*. International Workshop on Data Science for Social Good (SoGood), in conjunction with the European Conference on Machine Learning and Principles and Practice of Knowledge Discovery (ECML PKDD), Riva Del Garda, Italy, September 2016.

18. Novri Suhermi, Judit Gervain, Themis Palpanas. *Time Series Analysis for Near-Infrared Spectroscopy Data*. International Conference on Functional Near-Infrared Spectroscopy, October 2016. [Poster]
19. Kostas Zoumpatianos, Yin Lou, Themis Palpanas, Johannes Gehrke. *Query Workloads for Data Series Indexes*. Hellenic Data Management Symposium (HDMS), Athens, Greece, July 2016.
20. Michele Linardi, Themis Palpanas. *Indexing and Mining Very Large Collections of Data Series with Varying Lengths*. International Conference on Scientific and Statistical Database Management (SSDBM), Budapest, Hungary, July 2016. [Poster]
21. Themis Palpanas. *Data Series Management: The Next Challenge*. PhD Symposium, in conjunction with the IEEE International Conference on Data Engineering (ICDE), Helsinki, Finland, May 2016.
22. George Papadakis, George Papastefanatos, Themis Palpanas, Manolis Koubarakis. *Scaling Entity Resolution to Large, Heterogeneous Data with Enhanced Meta-blocking*. International Conference on Extending Database Technology (EDBT), Bordeaux, France, March 2016.
23. Katsiaryna Mirylenka, Vassilis Christophides, Themis Palpanas, Ioannis Pefkianakis, Martin May. *Characterizing Home Device Usage From Wireless Traffic Time Series*. International Conference on Extending Database Technology (EDBT), Bordeaux, France, March 2016.
24. Vasilis Efthymiou, George Papadakis, George Papastefanatos, Kostas Stefanidis, Themis Palpanas. *Parallel Meta-Blocking: Realizing Scalable Entity Resolution over Large, Heterogeneous Data*. IEEE International Conference on Big Data (IEEE BigData), Santa Clara, CA, USA, October 2015.
25. Kostas Zoumpatianos, Stratos Idreos, Themis Palpanas. *Adaptive Data Series Indexing*. Conference sur la Gestion de Donnees, Principes, Technologies et Applications (BDA), Ile de Porquerolles, France, October 2015.
26. Pavlos Paraskevopoulos, Themis Palpanas. *Fine-Grained Geolocalisation on Non-Geotagged Tweets*. IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), Paris, France, August 2015.
27. Kostas Zoumpatianos, Yin Lou, Themis Palpanas, Johannes Gehrke. *Query Workloads for Data-Series Indexes*. ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), Sydney, Australia, August 2015.
28. Alejandro Mate, Kostas Zoumpatianos, Themis Palpanas, Juan Trujillo, John Mylopoulos, Elvis Koci. *A Systematic Approach for Dynamic Targeted Monitoring of KPIs*. International Centre for Advanced Studies Research Conference (CASCON), Toronto, Canada, November 2014.
29. Marco Balduini, Stefano Bocconi, Alessandro Bozzon, Emanuele Della Valle, Yi Huang, Jasper Oosterman, Themis Palpanas, Mikalai Tsytsarau. *A Case Study of Active, Continuous and Predictive Social Media Analytics for Smart City*. Workshop on Semantics for Smarter Cities (S4SC), in conjunction with the International Semantic Web Conference (ISWC), Riva del Garda, Italy, October 2014.
30. Mikalai Tsytsarau, Themis Palpanas. *NIA: System for News Impact Analytics*. Interactive Data Exploration and Analytics (IDEA), in conjunction with ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), New York, NY, USA, August 2014.
31. George Papadakis, Georgia Koutrika, Themis Palpanas, Wolfgang Nejdl. *Meta-Blocking: Taking Entity Resolution to the Next Level*. Hellenic Data Management Symposium (HDMS), Athens, Greece, July 2014.
32. Mikalai Tsytsarau, Themis Palpanas, Malu Castellanos. *Dynamics of News Events and Social Media Reaction*. ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), New York, NY, USA, August 2014.
33. Michele Dallachiesa, Charu Aggarwal, Themis Palpanas. *Node Classification in Uncertain Graphs*. International Conference on Scientific and Statistical Database Management (SSDBM), Aalborg, Denmark, June 2014.
34. Kostas Zoumpatianos, Stratos Idreos, Themis Palpanas. *Indexing for Interactive Exploration of Big Data Series*. ACM SIG International conference on Management of Data / Principles of Database Systems (SIGMOD/PODS), Snowbird, UT, USA, June 2014.
35. Davide Mottin, Matteo Lissandrini, Yannis Velegrakis, Themis Palpanas. *Searching with XQ: the eXemplar Query Search Engine*. ACM SIG International conference on Management of Data / Principles of Database Systems (SIGMOD/PODS), Snowbird, UT, USA, June 2014.
36. Davide Mottin, Alice Marascu, Senjuti Basu Roy, Gautam Das, Themis Palpanas, Yannis Velegrakis. *IQR: An Interactive Query Relaxation System for the Empty-Answer Problem*. ACM SIG International conference on Management of Data / Principles of Database Systems (SIGMOD/PODS), Snowbird, UT, USA, June 2014.
37. Konstantinos Zoumpatianos, Themis Palpanas, John Mylopoulos, Alejandro Mate, Juan Trujillo. *Monitoring and Diagnosing Indicators for Business Analytics*. International Centre for Advanced Studies Research Conference (CASCON), Toronto, Canada, November 2013.

38. Mikalai Tsytsarau, Sihem Amer-Yahia, Themis Palpanas. *Large-Scale Sentiment Correlation for User Demographics*. Conference sur la Gestion de Donnees, Principes, Technologies et Applications (BDA), Nantes, France, October 2013.
39. Marco Balduini, Emanuele Della Valle, Daniele Dell'Aglio, Mikalai Tsytsarau, Themis Palpanas, Cristian Confalonieri. *Social listening of City Scale Events using the Streaming Linked Data Framework*. International Semantic Web Conference (ISWC), Sydney, Australia, October 2013.
40. Mikalai Tsytsarau, Sihem Amer-Yahia, Themis Palpanas. *Efficient Sentiment Correlation for Large-Scale Demographics*. ACM SIG International conference on Management of Data / Principles of Database Systems (SIGMOD/PODS), New York, NY, USA, June 2013.
41. Marco Balduini, Emanuele Della Valle, and Daniele Dell'Aglio, Mikalai Tsytsarau, Themis Palpanas, Cristian Confalonieri. *Twindex Fuorisalone: Social listening of Milano during Fuorisalone 2013*. AI Mashup Challenge, in conjunction with European Semantic Web Conference (ESWC), Montpellier, France, May 2013.
42. Pavlos Paraskevopoulos, Tanh-Cong Dinh, Zolzaya Dashdorj, Themis Palpanas, Luciano Serafini. *Identification and Characterization of Human Behavior Patterns from Mobile Phone Data*. International Conference on the Analysis of Mobile Phone Datasets (NetMob), Special Session on the Data for Development (D4D) Challenge, Cambridge, MA, USA, May 2013.
43. Katsiaryna Mirylenka, Alice Marascu, Themis Palpanas, Matthias Fehr, Stefan Jank, Gunter Welde, Daniel Groeber. *Envelope-Based Anomaly Detection for High-Speed Manufacturing Processes*. European Advanced Process Control and Manufacturing Conference (APC|M), Dresden, Germany, April 2013.
44. Katsiaryna Mirylenka, Themis Palpanas, Graham Cormode, Divesh Srivastava. *Finding Interesting Correlations with Conditional Heavy Hitters*. IEEE International Conference on Data Engineering (ICDE), Brisbane, Australia, April 2013.
45. Konstantinos Zoumpatianos, Themis Palpanas, John Mylopoulos. *Strategic Management for Real-Time Business Intelligence*. International Workshop on Business Intelligence for the Real Time Enterprise (BIRTE), in conjunction with the International Conference on Very Large Data Bases (VLDB), Istanbul, Turkey, August 2012.
46. Irene Ntoutsi, Arthur Zimek, Themis Palpanas, Peer Kroger, Hans-Peter Kriegel. *Density-based Projected Clustering over High Dimensional Data Streams*. Hellenic Data Management Symposium (HDMS), Chania, Greece, June 2012.
47. George Papadakis, Ekaterini Ioannou, Claudia Niederee, Themis Palpanas, Wolfgang Nejdl. *Beyond 100 Million Entities: Large-Scale Blocking-based Resolution for Heterogeneous Data*. Hellenic Data Management Symposium (HDMS), Chania, Greece, June 2012.
48. Enrico Iori, Alkis Simitsis, Themis Palpanas, Kevin Wilkinson, Stavros Harizopoulos. *CloudAlloc: A Monitoring and Reservation System for Compute Clusters*. ACM SIGMOD International Conference on Management of Data (SIGMOD), Scottsdale, AZ, USA, May 2012.
49. Irene Ntoutsi, Arthur Zimek, Themis Palpanas, Peer Kroger, Hans-Peter Kriegel. *Density-based Projected Clustering over High Dimensional Data Streams*. SIAM International Conference on Data Mining (SDM), Anaheim, CA, USA, April 2012.
50. Usman Raza, Alessandro Camera, Amy L. Murphy, Themis Palpanas, Gian Pietro Picco. *What Does Model-Driven Data Acquisition Really Achieve in Wireless Sensor Networks?*. IEEE International Conference on Pervasive Computing and Communications (PerCom), Lugano, Switzerland, March 2012. **MARK WEISER BEST PAPER AWARD.**
51. Alice Marascu, Suleiman Ali Khan, Themis Palpanas. *Scalable Similarity Matching in Streaming Time Series*. Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), Kuala Lumpur, Malaysia, May 2012.
52. Katsiaryna Mirylenka, George Giannakopoulos, Themis Palpanas. *SRF: A Framework for the Study of Classifier Behavior under Training Set Mislabeling Noise*. Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), Kuala Lumpur, Malaysia, May 2012.
53. George Papadakis, Ekaterini Ioannou, Claudia Niederee, Themis Palpanas, Wolfgang Nejdl. *Beyond 100 Million Entities: Large-Scale Blocking-based Resolution for Heterogeneous Data*. ACM International Conference on Web Search and Data Mining (WSDM), Seattle, WA, USA, February 2012.
54. Mikalai Tsytsarau, Francesco Bonchi, Aristides Gionis, Themis Palpanas. *Diverse Dimension Decomposition of an Itemsets Space*. IEEE International Conference on Data Mining (ICDM), Vancouver, Canada, December 2011.
55. Mikalai Tsytsarau, Themis Palpanas. *Towards a Framework for Detecting and Managing Opinion Contradictions*. PhD Forum, IEEE International Conference on Data Mining (ICDM), Vancouver, Canada, December 2011.
56. Michele Dallachiesa, Besmira Nushi, Katsiaryna Mirylenka, Themis Palpanas. *Similarity Matching for Uncertain Time Series: Analytical and Experimental Comparison*. ACM SIGSPATIAL International Workshop on Querying and Mining Uncertain Spatio-Temporal Data (QUeST), in conjunction with ACM

- SIGSPATIAL International Conference on Advances in Geographic Information Systems (GIS), Chicago, IL, USA, November 2011.
57. George Papadakis, Ekaterini Ioannou, Claudia Niederee, Themis Palpanas, Wolfgang Nejdl. *To Compare or Not to Compare: Making Entity Resolution More Efficient*. International Workshop on Semantic Web Information Management (SWIM), in conjunction with the ACM International Conference on Management of Data (SIGMOD), Athens, Greece, June 2011.
 58. Alessandro Camerra, Jin Shieh, Themis Palpanas, Eamonn Keogh. *Scaling Time Series Data Mining to one Billion Time Series with iSAX 2.0*. Hellenic Data Management Symposium (HDMS), Athens, Greece, June 2011.
 59. George Papadakis, George Giannakopoulos, Claudia Niederee, Themis Palpanas, Wolfgang Nejdl. *Detecting and Exploiting Stability in Evolving Heterogeneous Information Spaces*. International ACM and IEEE Joint Conference on Digital Libraries (JCDL), Ottawa, Canada, June 2011.
 60. George Papadakis, Ekaterini Ioannou, Claudia Niederee, Themis Palpanas, Wolfgang Nejdl. *Eliminating the Redundancy in Blocking-Based Entity Resolution Methods*. International ACM and IEEE Joint Conference on Digital Libraries (JCDL), Ottawa, Canada, June 2011.
 61. Mikalai Tsytsarau, Themis Palpanas, Kerstin Denecke. *Scalable Detection of Sentiment-Based Contradictions*. International Workshop on Knowledge Diversity on the Web (DiversiWeb), in conjunction with the World Wide Web Conference (WWW), Hyberabad, India, March 2011.
 62. Alessandro Camerra, Themis Palpanas, Jin Shieh, Eamonn Keogh. *Indexing and Mining One Billion Time Series*. IEEE International Conference on Data Mining (ICDM), Sydney, Australia, December 2010.
 63. George Giannakopoulos, Themis Palpanas. *The Effect of History on Modelling Systems Performance: The Problem of the Demanding Lord*. IEEE International Conference on Data Mining (ICDM), Sydney, Australia, December 2010.
 64. Paolo Bouquet, Themis Palpanas, Heiko Stoermer and Massimiliano Vignolo. *A Conceptual Model for a Web-scale Entity Name System*. Semantic Web Applications and Perspectives (SWAP), Bressanone, Italy, September 2010.
 65. Jeffrey Gerard, Frank Keller, Themis Palpanas. *Corpus Evidence for Age Effects on Priming in Child Language*. Cognitive Science (COGSCI), Portland, Oregon, USA, August 2010.
 66. Marwan Hassani, Emmanuel Muller, Pascal Spaus, Adriola Faqolli, Themis Palpanas, Thomas Seidl. *Self-Organizing Energy Aware Clustering of Nodes in Sensor Networks Using Relevant Attributes*. International Workshop on Knowledge Discovery from Sensor Data (SensorKDD), in conjunction with the ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD), Washington, DC, USA, July 2010.
 67. Zoltan Miklos, Nicolas Bonvin, Paolo Bouquet, Michele Catasta, Daniele Cordioli, Peter Fankhauser, Julien Gaugaz, Ekaterini Ioannou, Hristo Koshutanski, Antonio Mana, Claudia Niederee, Themis Palpanas, Heiko Stoermer. *From Web Data to Entities and Back*. International Conference on Advanced Information Systems Engineering (CAiSE), Hammamet, Tunisia, June 2010.
 68. Mikalai Tsytsarau, Themis Palpanas, Kerstin Denecke. *Scalable Discovery of Contradictions on the Web*. International World Wide Web Conference (WWW), Raleigh, NC, USA, April 2010.
 69. Nikolaus Augsten, Denilson Barbosa, Michael Bohlen, Themis Palpanas. *TASM: Top-k Approximate Subtree Matching*. IEEE International Conference on Data Engineering (ICDE), Long Beach, CA, USA, March 2010. **BEST PAPER AWARD**.
 70. Heiko Stoermer, Themis Palpanas, George Giannakopoulos. *The Entity Name System: Enabling the Web of Entities*. International Workshop on Data Engineering meets the Semantic Web (DESWeb), in conjunction with the IEEE International Conference on Data Engineering (ICDE), Long Beach CA, USA, March 2010.
 71. Paolo Bouquet, Themis Palpanas, Heiko Stoermer, Massimiliano Vignolo. *A Conceptual Model for a Web-scale Entity Name System*. Asian Semantic Web Conference (ASWC), Shanghai, China, December 2009.
 72. George Giannakopoulos, Themis Palpanas. *Adaptivity in Entity Subscription Services*. International Conference on Adaptive and Self-adaptive Systems and Applications (ADAPTIVE), Athens, Greece, November 2009. **BEST PAPER AWARD**.
 73. Nishad Manerikar, Themis Palpanas. *Frequent Items in Streaming Data*. Hellenic Data Management Symposium (HDMS), Athens, Greece, August 2009.
 74. Barbara Bazzanella, Themis Palpanas, Heiko Stoermer. *Towards a General Entity Representation Model*. IEEE International Conference on Information Reuse and Integration (IRI), Las Vegas, NV, USA, August 2009.
 75. Stefano Bortoli, Themis Palpanas, Paolo Bouquet. *Pulling Down the Walled Garden: Towards a Paradigm for Decentralized Social Network Management*. IADIS International Conference on Web Based Communities (WBC), Algarve, Portugal, June 2009.

76. Barbara Bazzanella, Junaid Ashenali Chaudhry, Themis Palpanas, Heiko Stoermer. *Towards a General Entity Representation Model*. Semantic Web Applications and Perspectives (SWAP), Rome, Italy, December 2008.
77. Florian Daniel, Fabio Casati, Themis Palpanas, Oleksiy Chayka, Cinzia Cappiello. *Enabling Better Decisions Through Quality-Aware Reports in Business Intelligence Applications*. International Conference on Information Quality (ICIQ), Cambridge, MA, USA, November 2008.
78. Themis Palpanas, Jakka Sairamesh. *Knowledge Management for the Business Analyst*. International Conference on Database and Expert Systems Applications (DEXA), Turin, Italy, September 2008.
79. Themis Palpanas, Junaid Chaudhry, Periklis Andritsos, Yannis Velegrakis. *Entity Data Management in OKKAM*. International Workshop on Semantic Web Architectures For Enterprises (SWAE), in conjunction with the International Conference on Database and Expert Systems Applications (DEXA), Turin, Italy, September 2008.
80. Florian Daniel, Fabio Casati, Themis Palpanas, Oleksiy Chayka. *Managing Data Quality in Business Intelligence Applications*. International Workshop on Quality in Databases (QDB), in conjunction with the International Conference on Very Large DataBases (VLDB), Auckland, New Zealand, August 2008.
81. Junaid Chaudhry, Themis Palpanas, Periklis Andritsos, Antonio Mana. *Entity Lifecycle Management for OKKAM*. International Workshop on Identity and Reference on the Semantic Web (IRSW), in conjunction with the European Semantic Web Conference (ESWC), Tenerife, Spain, June 2008.
82. Ferry Irawan Tanton, Nishad Manerikar, Themis Palpanas. *Efficiently Discovering Recent Frequent Items In Data Streams*. International Conference on Scientific and Statistical Database Management (SSDBM), Hong Kong, China, July 2008.
83. Themis Palpanas, Vana Kalogeraki, Dimitrios Gunopulos. *Online Distribution Estimation for Streaming Data: Framework and Applications*. Italian Symposium on Advanced Database Systems (SEBD), Torre Canne, Italy, June 2007.
84. Sharmila Subramaniam, Vana Kalogeraki, Themis Palpanas. *Distributed Real-Time Detection and Tracking of Homogeneous Regions in Sensor Networks*. IEEE Real-Time Systems Symposium (RTSS), Rio de Janeiro, Brazil, December 2006.
85. Ioana Stanoi, George Mihaila, Themis Palpanas, Christian Lang. *Maximizing the Sustained Throughput of Distributed Continuous Queries*. ACM International Conference on Information and Knowledge Management (CIKM), Arlington, VA, USA, November 2006.
86. Sharmila Subramaniam, Themis Palpanas, Dimitris Papadopoulos, Vana Kalogeraki, Dimitrios Gunopulos. *Online Outlier Detection in Sensor Data Using Non-Parametric Models*. International Conference on Very Large DataBases (VLDB), Seoul, Korea, September 2006.
87. Pawan Chowdhary, Themis Palpanas, Florian Pinel, Shyh-Kwei Chen, Frederick Wu. *Model-Driven Dashboards for Business Performance Reporting*. IEEE International EDOC Conference (EDOC), Hong Kong, China, October 2006.
88. Eamonn Keogh, Themistoklis Palpanas, Victor B. Zordan, Dimitrios Gunopulos, Marc Cardle. *Indexing Large Human-Motion Databases*. International Conference on Very Large DataBases (VLDB), Toronto, ON, Canada, August 2004.
89. Themis Palpanas, Michail Vlachos, Eamonn Keogh, Dimitrios Gunopulos, Wagner Trupel. *Time-decaying Representations of Streaming Time Series*. Hellenic Conference on Artificial Intelligence (SETN), Samos, Greece, May 2004.
90. Themis Palpanas, Michail Vlachos, Eamonn Keogh, Dimitrios Gunopulos, Wagner Trupel. *Online Amnesic Approximation of Streaming Time Series*. IEEE International Conference on Data Engineering (ICDE), Boston, MA, USA, March 2004.
91. Themis Palpanas, Nick Koudas, Alberto Mendelzon. *Space Constrained Selection Problems for Data Warehouses and Pervasive Computing*. International Conference on Scientific and Statistical Database Management (SSDBM), Cambridge, MA, USA, July 2003.
92. Panayiotis Tsaparas, Themis Palpanas, Yannis Kotidis, Nick Koudas, Divesh Srivastava. *Ranked Join Indices*. IEEE International Conference on Data Engineering (ICDE), Bangalore, India, March 2003.
93. Themis Palpanas, Richard Sidle, Roberta Cochrane, Hamid Pirahesh. *Incremental Maintenance for Non-Distributive Aggregate Functions*. International Conference on Very Large DataBases (VLDB), Hong Kong, China, August 2002.
94. Themis Palpanas, Nick Koudas. *Entropy Based Approximate Querying and Exploration of Datacubes*. International Conference on Scientific and Statistical Database Management (SSDBM), Fairfax, VA, USA, July 2001.
95. Themis Palpanas, Alberto Mendelzon. *Web Prefetching Using Partial Match Prediction*. Work in progress. Web Caching Workshop, San Diego, CA, USA, March 1999.

- **Technical Reports**

1. George Papadakis, George Papastefanatos, Themis Palpanas. Boosting the Efficiency of Large-scale Entity Resolution with Enhanced Meta-blocking. Technical Report TR-IMIS-2015-1, Institute for the Management of Information Systems, Research Center Athena, January 2015.
 2. Michele Dallachiesa, Charu Aggarwal, Themis Palpanas. *Node Classification in Uncertain Graphs*. arXiv: 0974616[cs:DB], May 2014.
 3. Usman Raza, Alessandro Camera, Amy L. Murphy, Themis Palpanas, Gian Pietro Picco. *Practical Data Prediction for Real-World Wireless Sensor Networks*. Technical Report DISI-14-004, Department of Information Engineering and Computer Science, University of Trento, April 2014.
 4. Zekarias Kefato, Matteo Lissandrini, Davide Mottin, Themis Palpanas. *Keyword Query to Graph Query*. Technical Report DISI-14-003, Department of Information Engineering and Computer Science, University of Trento, October 2013.
 5. Michele Dallachiesa, Besmira Nushi, Katsiaryna Mirylenka, Themis Palpanas. *Uncertain Time-Series Similarity: Return to the Basics*. CoRR abs/1208.1931, August 2012.
 6. George Papadakis, Ekaterini Ioannou, Themis Palpanas, Claudia Nedere, Wolfgang Nejdl. *A Blocking Framework for Entity Resolution in Highly Heterogeneous Information Spaces*. Technical Report DISI-12-023, Department of Information Engineering and Computer Science, University of Trento, May 2012.
 7. Oleksiy Chayka, Themis Palpanas, Paolo Bouquet. Defining and Measuring Data-Driven Quality Dimension of Staleness. Technical Report DISI-12-016, Department of Information Engineering and Computer Science, University of Trento, April 2012.
 8. George Giannakopoulos, Themis Palpanas. The Effect of History on Modeling Systems' Performance: The Problem of the Demanding Lord. Technical Report DISI-10-052, Department of Information Engineering and Computer Science, University of Trento, October 2010.
 9. Mikalai Tsytsarau, Themis Palpanas. *Mining Subjective Data on the Web*. Technical Report DISI-10-045, Department of Information Engineering and Computer Science, University of Trento, July 2010.
 10. Mikalai Tsytsarau, Themis Palpanas, Kerstin Denecke, Marko Brosowski. *Scalable Discovery of Contradicting Opinions in Weblogs*. Technical Report DISI-09-038, Department of Information Engineering and Computer Science, University of Trento, July 2009.
 11. Kerstin Denecke, Mikalai Tsytsarau, Themis Palpanas, Marko Brosowski. *Topic-Related Sentiment Analysis for Discovering Contradicting Opinions in Weblogs*. Technical Report DISI-09-037, Department of Information Engineering and Computer Science, University of Trento, July 2009.
 12. Nishad Manerikar, Themis Palpanas. *Frequent Items in Streaming Data: An Experimental Evaluation of the State-of-the-Art*. Technical Report DISI-08-017, Department of Information Engineering and Computer Science, University of Trento, March 2008.
 13. Themis Palpanas. *Data Reduction in Data Warehouses*. Technical Report CSRG-476, Department of Computer Science, University of Toronto, January 2003.
 14. Themis Palpanas, Per-Åke Larson, Jonathan Goldstein. *Cache Management Policies for Semantic Caching*. Technical Report CSRG-439, Department of Computer Science, University of Toronto, November 2001.
 15. Themis Palpanas, Nick Koudas. *Entropy Based Approximate Querying and Exploration of Datacubes*. Technical Report CSRG-409, Department of Computer Science, University of Toronto, May 2000.
 16. Themis Palpanas. *Arranging Pixels in a DBMS: When Vision and Databases Come Together*. Technical Report CSRG-404, Department of Computer Science, University of Toronto, January 2000.
 17. Themis Palpanas, Balachander Krishnamurthy. *Reducing Retrieval Latencies in the Web: the Past, the Present, and the Future*. Technical Report CSRG-378, Department of Computer Science, University of Toronto, January 1999.
 18. Themis Palpanas. *Web Prefetching Using Partial Match Prediction*. Technical Report CSRG-376, Department of Computer Science, University of Toronto, March 1998.
- **Theses**
 1. Themis Palpanas. *Data Reduction in Data Warehouses*. PhD thesis, Department of Computer Science, University of Toronto, 2003 (available as Technical Report CSRG-476).
 2. Themis Palpanas. *Web Prefetching Using Partial Match Prediction*. MSc thesis, Department of Computer Science, University of Toronto, 1998 (available as Technical Report CSRG-376).
 3. Themis Palpanas. *MultiDoc: Document Management System*. Degree Thesis. National Technical University of Athens, 1996.
 - **Other**
 1. Stathis Zachos, Themis Palpanas, Michalis Kounavis. *Programming Techniques*. Course notes. National Technical University of Athens, Athens, 1995.

PROFESSIONAL ACTIVITIES

- **Founding Member** of the Event Processing Technical Society
 - the goal of this international group, that gathers most of the major academic and industrial players in the area of streaming event processing, is to foster topics for future standardization, and establish event processing as a separate academic discipline; within EPTS, I am part of
 - the Architecture Workgroup, which will design and propose a reference (standard) architecture for event processing systems, and
 - the Awards Workgroup, which reviews proposals and awards prizes to the most innovative and influential research and industrial ideas on event processing
- **Member** of the VLDB Endowment Board of Trustees (2018-2023)
 - responsible for promoting database research and shaping the activities of the VLDB Endowment (including the VLDB conference and the PVLDB journal)
- **Member** of the IBM Academy of Technology Study on Event Processing (2004-2006)
 - responsible for examining problems in the area of streaming event management, and providing advices and directions to IBM executives on the emerging research challenges
- **Advisory Board Member.** QualiMaster FP7 EU Project (A configurable real-time data processing infrastructure mastering autonomous quality adaptation, FP7-ICT-2013-11) (2015-2016)
 - responsible for providing advice and directions for the improvement of the project
- **Conference Organization:**
 - European Semantic Web Conference (ESWC), 2018, Chair for the *Mobile Web* Track
 - responsible for the scientific program of the Track; ~100 participants
 - International Workshop on Big Mobility Data Analytics (BMDA) in conjunction with the International Conference on Extending Database Technology (EDBT), 2018, General and Program Chair
 - responsible for the scientific program and the organization of the workshop; ~50 participants
 - 2nd Interdisciplinary Workshop on Time Series Analysis, 2016, General and Program Chair
 - responsible for the scientific program and the organization of the workshop; ~50 participants
 - Interdisciplinary Workshop on Time Series Analysis, 2016, General and Program Chair
 - responsible for the scientific program and the organization of the workshop; ~50 participants
 - Annual LIPADE Open Day, 2016, General and Program Chair
 - responsible for the scientific program and the organization of the workshop; ~50 participants
 - International Conference on Extending Database Technology (EDBT), 2016, Workshop Chair
 - responsible for the selection of the workshops that will be held in conjunction with the main conference; ~200 participants
 - International Workshop on Personal Data Analytics in the Internet of Things (PDA@IOT) in conjunction with the International Conference on Very Large Data Bases (VLDB), 2014, General and Program Chair
 - responsible for the organization of this international event, with keynote talks, panels, and research papers; ~50 participants
 - East-European Conference on Advances in Databases and Information Systems (ADBIS), 2014, Workshop Chair
 - responsible for the selection of the workshops that will be held in conjunction with the main conference; ~150 participants
 - International Conference on Very Large DataBases (VLDB), 2013, General Chair
 - responsible for the organization of this international event, one of the two top conferences in the area of database and data management, with keynote talks and research and industrial paper presentations; ~750 participants
 - East-European Conference on Advances in Databases and Information Systems (ADBIS), 2013, Workshop Chair
 - responsible for the selection of the workshops that will be held in conjunction with the main conference; ~150 participants
 - The 5th Event Processing Technical Society (EPTS) Event Processing Symposium (EPS), 2009, General Chair
 - responsible for the organization of this international event with keynote talks and research and industrial paper presentations; 80 participants
- **Editorial Activities:**
 - Proceedings of the VLDB Endowment Journal (PVLDB), Associate Editor (2019)

- responsible for overseeing and managing the reviewing process for papers submitted for publication to the journal
 - Proceedings of the VLDB Endowment Journal (PVLDB), Associate Editor (2017)
 - responsible for overseeing and managing the reviewing process for papers submitted for publication to the journal
 - International Journal on Big Data Research (BDR), Editor in Chief (January 2016-now)
 - responsible for overseeing and managing the reviewing process for papers submitted for publication to the journal
 - International Journal on Data Science and Engineering (DSE), Editorial Board (March 2015-now)
 - responsible for the reviewing process for papers submitted for publication to the journal
 - IEEE Transactions on Data and Knowledge Engineering (TKDE), Associate Editor (October 2014-now)
 - responsible for the reviewing process for papers submitted for publication to the journal
 - International Journal on Big Data Research (BDR), Associate Editor (July 2014-January 2016)
 - responsible for the reviewing process for papers submitted for publication to the journal
 - Transactions on Large-Scale Data and Knowledge-Centered Systems (TLDKS) Journal, Editorial Board (August 2014-now)
 - responsible for the reviewing process for papers submitted for publication to the journal
 - Information Systems (IS) International Journal, Editorial Advisory Board (February 2008-now)
 - responsible for the reviewing process for papers submitted for publication to the journal
 - International Journal of Intelligent Data Analysis (IDA), Associate Editor (February 2008-now)
 - responsible for the reviewing process for papers submitted for publication to the journal
- **Journal Special Issues:**
 - Special issue for the International Journal on Semantic Web and Information Systems (IJSWIS), on Variety and Velocity Dimensions of Big Data (2016)
 - responsible for the organization of the special issue, and the reviewing process for papers submitted for publication
- **Reviewer for research councils:**
 - European Union Framework Programme for Research and Innovation (February 2008-now)
 - responsible for reviewing and evaluating project proposals submitted to European Union for funding by universities and industry from all European Union member states (FP7, H2020)
 - responsible for reviewing and evaluating progress in projects funded by the European Union (FP7, H2020)
 - Natural Sciences and Engineering Research Council of Canada (NSERC) (January 2007-now)
 - responsible for reviewing and evaluating project proposals submitted to NSERC for funding by professors from all Canadian universities
 - Swiss National Science Foundation (SNF) (June 2013-now)
 - responsible for reviewing and evaluating project proposals submitted to SNF for funding by professors and researchers from all universities and research institutions in Switzerland
 - Netherlands Organisation for Scientific Research (NWO) (April 2011-now)
 - responsible for reviewing and evaluating project proposals submitted to NWO for funding by professors and researchers from all universities and research institutions in the Netherlands
 - Academy of Finland (October 2015-now)
 - responsible for reviewing and evaluating project proposals submitted to the Academy of Finland for funding by professors and researchers from all universities and research institutions in Finland
 - Innovation Fund Denmark (March 2017-now)
 - responsible for evaluating project proposals submitted to the Innovation Fund Denmark (IFD) for funding by professors and researchers from all universities and research institutions in Denmark
 - Qatar National Research Fund (QNRF) (November 2011-now)
 - responsible for reviewing and evaluating project proposals submitted to QNRF for funding by professors and researchers from all universities and research institutions in Qatar
- **Reviewer for journals:**
 - ACM Transactions on Database Systems (TODS)
 - IEEE Transactions on Knowledge and Data Engineering (TKDE)
 - VLDB Journal (VLDBJ)
 - Data Mining and Knowledge Discovery (DMKD)
 - Information Systems (IS)
 - World Wide Web Journal (WWWJ)

- Data and Knowledge Engineering (DKE)
- and others...
- **Session Organizer:**
 - Complex Event Recognition Session, Hellenic Conference on Artificial Intelligence (SETN), 2012
- **Senior Program Committee Member:**
 - International Conference on Very Large Data Bases (VLDB), Associate Editor, 2018-2019
 - ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), *Applied Data Science* Track, 2018
 - European Semantic Web Conference (ESWC), Chair for the *Mobile Web* Track, 2018
 - International Conference on Very Large Data Bases (VLDB), Associate Editor, 2016-2017
 - International Conference on Machine Learning and Applications (ICMLA), 2011
- **Program Committee Member:**
 - ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2018
 - International Conference on Extending Database Technology (EDBT), 2018
 - International Workshop on Real-Time Business Intelligence & Analytics (BIRTE), 2018
 - Hellenic Data Management Symposium (HDMS), 2018
 - ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2017
 - International Workshop on Real-Time Business Intelligence & Analytics (BIRTE), in conjunction with the International Conference on Very Large Data Bases (VLDB), 2017
 - Paris Summit on Big Data (ParisBD), 2017
 - ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2016
 - IEEE International Conference on Data Engineering (ICDE), 2016
 - IEEE International Conference on Data Engineering (ICDE), Demonstrations Track, 2016
 - International Conference on Very Large Data Bases (VLDB), 2016
 - International Conference on Scientific and Statistical Database Management (SSDBM), 2016
 - ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2015
 - International Conference on Web Search and Data Mining (WSDM), 2015
 - International Conference on Very Large Data Bases (VLDB), 2015
 - International Conference on Very Large Data Bases (VLDB), Demonstrations Track, 2015
 - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD), Demonstrations Track, 2015
 - VLDB Workshop on Big-Graphs Online Querying (Big-O(Q)), in conjunction with the International Conference on Very Large Data Bases (VLDB), 2015
 - IEEE International Conference on Data Engineering (ICDE), 2015
 - International Conference on Extending Database Technology (EDBT), 2015
 - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD), 2014
 - ACM International Workshop on Data Warehousing and OLAP (DOLAP), 2014
 - IEEE International Conference on Data Mining (ICDM), 2014
 - International World Wide Web Conference (WWW), 2014
 - ACM SIG International Conference on Management of Data / Principles of Database Systems (SIGMOD/PODS), 2014
 - International Conference on Web Search and Data Mining (WSDM), 2014
 - International Conference on Very Large Data Bases (VLDB), 2014
 - IEEE International Conference on Data Engineering (ICDE), 2014
 - International Workshop on Long Term Preservation for Big Scientific Data (LOPS), in conjunction with the International Conference on Data Engineering (ICDE), 2014
 - International Conference on Extending Database Technology (EDBT), 2014
 - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD), 2013
 - International World Wide Web Conference (WWW), 2013
 - International Conference on Web Search and Data Mining (WSDM), 2013
 - ACM International Conference on Information and Knowledge Management (CIKM), 2013
 - International Workshop on Big data, Streams and Heterogeneous Source Mining: Algorithms, Systems, Programming Models and Applications (BigMine), 2013
 - International Workshop on Big Data, Streams and Heterogeneous Source Mining, 2012
 - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD), 2012
 - MultiClust Workshop: Discovering, Summarizing and Using Multiple Clusterings (MultiClust), 2012

- SIAM International Conference on Data Mining (SDM), 2012
- International Conference on Extending Database Technology (EDBT), 2012
- Hellenic Data Management Symposium (HDMS), 2012
- ACM SIG International Conference on Management of Data / Principles of Database Systems (SIGMOD/PODS), 2011
- International Conference on Very Large Data Bases (VLDB), 2011
- IEEE International Conference on Data Engineering (ICDE), 2011
- IEEE International Conference on Mobile Data Management (MDM), 2011
- MultiClust Workshop: Discovering, Summarizing and Using Multiple Clusterings (MultiClust), 2011
- Business intelligenceE and the WEB (BEWEB), 2011
- International Workshop on “From Event-Driven Business Process Management to Ubiquitous Complex Event Processing” (edBPM/U-CEP), 2010
- ACM Sigmod Conference (SIGMOD), 2010
- International Conference on Very Large Data Bases (VLDB), 2010
- ACM International Conference on Information and Knowledge Management (CIKM), 2010
- Hellenic Data Management Symposium (HDMS), 2010
- European Conference on Machine Learning and Principles of Knowledge Discovery in Databases (ECML/PKDD), 2010
- International Workshop on Ranking in Databases (DBRank), 2010
- International Workshop EVENTS 2010 - Recognizing and Tracking Events on the Web and in Real Life, 2010
- Business intelligenceE and the WEB (BEWEB), 2010
- IEEE International Conference on Data Engineering (ICDE), 2009
- ACM International Conference on Information and Knowledge Management (CIKM), 2009
- Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), 2009
- European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD), 2009
- European Conference on Data Mining (ECDM), 2009
- Data Mining for the Evolving Web (DAMIEN), 2009
- International Workshop on Ranking in Databases (DBRank), 2009
- IEEE International Conference on Data Mining (ICDM), 2008
- ACM International Conference on Information and Knowledge Management (CIKM), 2008
- International Conference on Data Warehousing and Knowledge Discovery (DaWaK), 2008
- Hellenic Data Management Symposium (HDMS), 2008
- European Conference on Data Mining (ECDM), 2008
- European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD), 2008
- International Workshop on Identity and Reference on the Semantic Web (ESWC-IRSW), 2008
- SIGMOD Phd Workshop on Innovative Database Research (IDAR), 2008
- Service Science Cross Session (SSCC), 2008
- ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2007
- IEEE International Conference on Data Mining (ICDM), 2007
- International Conference on Data Warehousing and Knowledge Discovery (DaWaK), 2007
- I3: Identity, Identifiers, Identification (WWW workshop), 2007
- Hellenic Data Management Symposium (HDMS), 2007
- European Conference on Data Mining (ECDM), 2007
- ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2006
- ACM International Conference on Information and Knowledge Management (CIKM), 2006
- International Conference on Data Warehousing and Knowledge Discovery (DaWaK), 2006
- International Workshop on Event-driven Architecture, Processing and Systems (EDA-PS), 2006
- IEEE International Conference on Data Mining (ICDM), 2005
- International Conference on Very Large Data Bases (VLDB), 2003
- **Reviewer for conferences:** International VLDB Conference, ACM SIGMOD International Conference, International Conference on Data Engineering (ICDE), international conference on Extending Database Technology (EDBT), international conference on Scientific and Statistical Database Management (SSDBM), ACM SIGKDD International Conference, SIAM International Conference on Data Mining (SDM), International World Wide Web Conference, Workshop on Algorithms in BioInformatics, and others.
- **Organizer:** Database group seminar series, University of California, Riverside, 2003 - 2004.

PARTICIPATING IN SCIENTIFIC SOCIETIES

2008 – present	Event Processing Technical Society (EPTS), <i>founding member</i>
1999 – present	Association for Computing Machinery (ACM)
1996 – present	Technical Chamber of Greece
1989 – 1991	Greek Mathematic Society

STUDENT SUPERVISION (and first appointment)

Postdoc	<ol style="list-style-type: none">1. Kostas Zoumpatianos (2017-2020)2. Mikalai Tsytsarau (2013-2015)3. Vincenzo Falletta (2011-2013) - Bank of Italy, Italy4. Alice Marascu (2011-2012) - IBM Research, Ireland5. George Giannakopoulos (2009-2010) - National Centre for Scientific Research - Demokritos, Greece6. Junaid Chaudhry (2008-2009) - professor at University of Hail, Saudi Arabia
PhD	<ol style="list-style-type: none">1. Karima Echihabi (2016-present, co-advisor), title: A Data Series Management System2. Anna Gogolou (2016-present, co-advisor), title: Iterative and Expressive Querying for Big Data Series3. Botao Peng (2016-present), title: Data Series Indexing Using Modern Hardware4. Michele Linardi (2015-present), title: New Generation Data Series Indexing5. Djamel Edine Yagoubi (2014-present, co-advisor), title: Data Series Management in a Distributed Environment6. Pavlos Paraskevopoulos (2012-2017), title: Human Activity Analytics Based on Mobility and Social Media Data - George Mason University, USA7. Matteo Lissandrini (2012-present, co-advisor), title: Novel Techniques for Exploitation of User Generated Content and User Centric Analysis of Big Data8. Konstantinos Zoumpatianos (2011-2016), title: Exploratory Analysis of Large Data Series Collections - Harvard University, USA9. George Papadakis (2010-2013, co-advisor), title: Blocking techniques for efficient Entity Resolution over large, highly heterogeneous information spaces - Athena Research Center, Greece10. Michele Dallachiesa (2010-2014), title: Modeling and Querying Data Series and Data Streams with Uncertainty - Chief Technology Officer in SkySense, USA11. Davide Mottin (2010-2015, co-advisor), title: Web Search: Unleashing the Power of Knowledge Graphs - Hasso-Plattner Institute, Germany12. Katsiaryna Mirylenka (2010-2015), title: Mining and Learning in Sequential Data Streams: Interesting Correlations and Classification in Noisy Settings - IBM Research, Switzerland13. Mikalai Tsytsarau (2008-2013), title: Large Scale Aggregated Sentiment Analytics14. Oleksiy Chayka (2007-2012, co-advisor), title: Three case studies for understanding, measuring and using a compound notion of data quality
MSc	<ol style="list-style-type: none">1. Juncheng Zhou (2018), title: Profile Recommendations in Professional Networking Services2. Xucheng Tang (2018), title: Managing the Complexity of Data Series Similarity Search3. Federico Roncallo (2017), title: Double Indexing for Data Series Similarity Matching4. Paul Boniol (2017), title: Very Large Time Series Analysis for Anomaly Detection5. Edouard Mehlman (2017), title: Anomaly Detection and Pattern Discovery for Predictive Maintenance6. Botao Peng (2016), <i>Institute Neuroscience Cognition (INC) Open Mind Scholarship</i>, title: Time Series Analysis of Human Eye Movement Data7. Novri Suhermi (2016), title: Time Series Analysis for Near-Infrared Spectroscopy Data8. Minh Trung Nguyen (2014-2015), title: Finding Repeated Subsequences in a Long Real Time Series9. Sergio de Cristofaro (2014-2015), title: A Study on Exact Algorithms For Data Series Similarity Search10. Michele Linardi (2014), title: ULISSE - Ultra compact iSAX Index for Variable-Length Queries

on Data Series

11. Muhammad Usman Akram (2013-2014), title: Correlation-Aware Distance Measures for Data Series
12. Ermias Walelgne Andargie (2013-2014), title: Time-Series Similarity Query Answering Using iSAX on Map Reduce
13. Le Minh Do (2013-2014), title: Influence of mislabeling noise on sequential learners
14. Hoan Nguyen (2012-2013), title: Motif discovery in long sequences: Incremental Motif Discovery
15. Zekarias Kefato (2012-2013), title: Keyword Query to Graph Query
16. Alberto Cordioli (2012), title: An Automated System for Internet Pharmacy Verification, **IBM Best MSc Thesis Award**
17. Gentian Perdhiku (2012), title: Indexing and Mining UTR Sequences
18. Arup Ghosh (2012), title: An Approach for Aligning a Large Collection of Longer-Short-Reads Onto Human Genome
19. Besmira Nushi (2011), title: Similarity Matching and Summarization for Uncertain Time Series, PhD at ETH, Switzerland
20. Danilo Djordjevic (2011), title: Conjunctive Triple Queries Over Text Documents
21. Enrico Iori (2011), title: Relational-Workload Placement in the Cloud
22. Davide Mottin (2010, co-advisor), title: Entity ranking using click-log information
23. Jeffrey Gerard (2009, co-advisor), title: Corpus Evidence for Age Effects on Priming in Child Language, AdKnowledge, USA
24. Adriola Faqolli (2009, co-advisor), title: Self-Organizing and Energy Efficient Node Clustering in Sensor Networks
25. Suleiman Khan (2008), title: Real Time Pattern Matching in Streaming Time Series, PhD at Aalto University, Finland

BSc

1. Michele Linardi (2012), title: Motif discovery on electroencephalograph data
2. Srikanth Gurram (2009), title: Log analysis of an entity store
3. Alessandro Camera (2008), title: Efficient management and analysis of large data sets: applications to mass spectrometry data, IBM, Italy
4. Akhilesh Siripurapu (2008), title: Fragment-based approximate retrieval in highly heterogeneous XML collections

COMMITTEE MEMBER IN PHD EXAMS

- 2017** Panagiotis Korvesis, *Ecole Polytechnique* (France), 2017
Paul Lagree, *University of Paris-Sud* (France), 2017
Xavier Renard, *Pierre-and-Marie-Curie University* (France), 2017
Marco Pulimeno, *University of Salento* (Italy), 2017
Azad Abad, *University of Trento* (Italy), 2017
- 2016** Medina Hadjem, *Paris Descartes University* (France), 2016
- 2015** Nelly Vouzoukidou, *Pierre and Marie Curie University* (France), 2015
Majed Sahli, *King Abdullah University of Science and Technology* (Saudi Arabia), 2015
Max Zimmermann, *Otto-von-Guericke-University Magdeburg* (Germany), 2015
Tao Peng, *University of Trento* (Italy), 2015
- 2013** George Papadakis, *L3S* (Germany), 2013
- 2010** Vladislav Ryzhikov, *University of Bolzano* (Italy), 2010
Romans Kasperovics, *University of Bolzano* (Italy), 2010
Tadas Remencius, *University of Bolzano* (Italy), 2010

COMMITTEE MEMBER IN PHD QUALIFYING EXAMS

- 2017** Konstantinos Skianis, *Ecole Polytechnique* (France)
Dimitrios Vasilas, *University Pierre and Marie Curie* (France)
Jacob Montiel, *Telecom Paritech University* (France)

- 2016** Panagiotis Korvesis, Ecole Polytechnique (France)
- 2012** Jorge Galli Saldivar, University of Trento (Italy)
Dimitra Papadimitriou, University of Trento (Italy)
- 2011** Katsiaryna Mirylenka, University of Trento (Italy)
Paolo Valleri, University of Trento (Italy)
Moaz Reyad, University of Trento (Italy)
Ye Jiang, University of Trento (Italy)
Md. Faisal Mahbub Chowdhury, University of Trento (Italy)
Abed Alhakim Freihath, University of Trento (Italy)
Cristhian Parra, University of Trento (Italy)
- 2010** Patricia Souza Silveira, University of Trento (Italy)
Marcos Antonio Baez Gonzalez, University of Trento (Italy)
Mikalai Tsytsarau, University of Trento (Italy)
Xin Liu, University of Trento (Italy)

COMMITTEE MEMBER IN MSc EXAMS

Elena Shirokova, Skolkovo Institute of Science and Technology (Russia), 2016
Stefan Raebiger, Otto von Guericke University of Magdeburg (Germany), 2014

COMMITTEE MEMBER IN BSc EXAMS

Jonas Spenger, Humboldt University of Berlin (Germany), 2017

UNIVERSITY FACULTY HIRING AND PROMOTION COMMITTEES

- Hiring** Technical University of Denmark, associate professor position, 2016
Paris Descartes University, France, assistant professor position, 2015
Conservatoire National des Arts et Métiers (CNAM), France, assistant professor position, 2014
- Promotion** Prof. Grigorios Tsoumakas, Aristotle University of Thessaloniki, Greece, assistant professor position, 2016
Prof. Maria Halkidi, University of Piraeus, Greece, assistant professor position, 2016
Prof. Alexandros Artikis, University of Piraeus, Greece, assistant professor position, 2016
Prof. Christos Doulkeridis, University of Piraeus, Greece, assistant professor position, 2015
Prof. Nikos Pelekis, University of Piraeus, Greece, assistant professor position, 2014

UNIVERSITY SERVICE

- LIPADE Project Leader** Leader of the Computer Science Department (LIPADE) project (Porteur du Projet), in the Paris Descartes University (Paris, France). This project describes some the main research directions, on which the department (28 faculty members, and 29 PhD students) will concentrate, during the years 2019-2023. Timeframe: 2017-2018.
- EDITE PhD School Committee President** President of the EDITE committee that is responsible for interviewing and selecting the new PhD students. EDITE is the doctoral school in charge of all PhD students in Computer Science, Telecommunication and Electronics, for the University Pierre and Marie Curie (UPMC), Telecom ParisTech, the National Conservatory of Arts and Crafts (CNAM), Telecom SudParis, the French Institute for Music and Sound Science (IRCAM), the French Institute for Research in Computer Science and Automation (INRIA) Rocquencourt, and the Paris Descartes University (UPD). Timeframe: 2017.

Faculty Governing Board Member	Member of the governing board of the Faculty of Mathematics and Computer Science of the Paris Descartes University (Paris, France). Timeframe: 2016-present.
LIPADE Governing Council Member	Member of the governing council of the Computer Science Department (LIPADE) of the Paris Descartes University (Paris, France). Timeframe: 2015-present.
diNo Director	Director of the Data Intensive and Knowledge-Oriented (diNo) Group (5 faculty members, 3 Postdocs, and 10 PhD students) of the Computer Science Department of the Paris Descartes University (Paris, France). Responsible for setting the research directions of the group, promoting the visibility of the work performed in the group, strengthening the collaborations with the industry, and organizing the activities of the group. Timeframe: 2015-present.
INC Council Member	Member of the council of the Institute of Neuroscience and Cognition (INC) of the Paris Descartes University, which brings together researchers from the domains of neuro, cognitive, and computer science. Responsible for deciding the research and applied directions promoted by INC. Timeframe: 2015-present.
EDITE PhD School Selection Committee	Member of the EDITE selection committee that is responsible for interviewing and selecting the new PhD students. EDITE is the doctoral school in charge of all PhD students in Computer Science, Telecommunication and Electronics, for the University Pierre and Marie Curie (UPMC), Telecom ParisTech, the National Conservatory of Arts and Crafts (CNAM), Telecom SudParis, the French Institute for Music and Sound Science (IRCAM), the French Institute for Research in Computer Science and Automation (INRIA) Rocquencourt, and the Paris Descartes University (UPD). Timeframe: 2015.
Trento RISE DKE Vice-Chair	Vice-Chair for the Data and Knowledge Engineering Research Area (26 faculty and research staff members, and 60 Postdoc, PhD, and MSc students) of Trento RISE (Trento, Italy), an organizational body that connects several of the major actors in ICT research, education and business in the Trento region, including, among others, FBK and the University of Trento. Responsible for setting the research directions of the DKE Research Area, promoting the visibility of the work, and strengthening the collaborations with the industry. Timeframe: 2011-2013.
dbTrento Director	Director of the Database and Information Management Group (5 faculty members, and ~20 postdocs, PhD, and MSc students) of the Information Engineering and Computer Science Department of the University of Trento (Trento, Italy). Responsible for setting the research directions of the group, promoting the visibility of the work performed in the group, strengthening the collaborations with the industry, and organizing the activities of the group. Timeframe: 2007-2013.
BIT School Coordinator	Coordinator for the University of Trento of the Bolzano-Innsbruck-Trento Joint School for Information Technology (Trento, Italy). Responsible for negotiating and renewing the intra-university agreement, and coordinating the actions of the school: organizing seminar talks and long collaboration visits by academics, as well as student exchanges among the participating universities. Timeframe: 2008-2013.
MSc DISI Program Head of Admissions	Head of Admissions for the MSc Program of the Information Engineering and Computer Science Department of the University of Trento (Trento, Italy). Responsible for establishing the (academic) admission criteria for the program, reviewing the candidate applications, and attracting the top candidates (2009-2013).
MSc Erasmus Mundus Program Head of Admissions	Head of Admissions for the MSc Erasmus Mundus Program for the Information Engineering and Computer Science Department of the University of Trento (Trento, Italy). Responsible for reviewing the candidate applications (2009-2013).
ICT Doctoral School Executive Committee	Member of the Executive Committee of the Information and Communications Technology International Doctoral School of the University of Trento (Trento, Italy). Responsible for promoting the visibility of the doctoral school abroad, strengthening the collaborations with the industry at an international level, and supporting the operations of the school (2011-2013).
DKM Research Program Coordinator	Coordinator of the Data and Knowledge Management Research Group of the Information Engineering and Computer Science Department of the University of Trento (Trento, Italy). Responsible for promoting the activities of the group, establishing

policies for the distribution of the resources, and for managing the budget (2007-2013).

PROFESSIONAL EDUCATION

- Introduction to Six-Sigma (2006, IBM)
- Alphablox Essentials (2006, IBM)
- Servlet and JSP Development with IBM WebSphere Studio Application Developer (2005, IBM)
- SAS system and programming techniques (1994, National Technical University of Athens)
- Computer, Telecommunications and MicroElectronics Technologies (1995, National Research Center for Physical Sciences "Demokritos")

GENERAL EDUCATION

1995 Certificate of Proficiency in English, University of Cambridge (English language instructor, certified by the Hellenic Ministry of Education).

1990 Certificate Superieur II, Universite de Paris.

REFERENCES

Available upon request.