



CURRICULUM VITAE

PANOS VASSILIADIS

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GENERAL INFORMATION

PERSONAL DATA

First Name: Panagiotis (or Panos, for short)
Family Name: Vassiliadis
Date of Birth: 23 October 1972
Work Address: Department of Computer Science and Engineering
School of Engineering, University of Ioannina,
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POSITIONS HELD

2020 Professor, Department of Computer Science and Engineering, Univ. of Ioannina, Hellas
2014 - 2020 Associate Professor, Department of Computer Science and Engineering, Univ. of Ioannina, Hellas
2008 - 2014 Assistant Professor, Department of Computer Science, Univ. of Ioannina, Hellas (with tenure since December 2011).

- 2002 - 2008 Lecturer, Department of Computer Science, Univ. of Ioannina, Hellas.
- 2001 - 2002 Visiting Professor, (a) Dept. of Electronics and Computer Eng., Technical Univ. of Crete, and, (b) Dept. of Electrical and Computer Eng., National Technical Univ. of Athens

ACADEMIC STUDIES

- **Ph.D.**, Department of Electrical and Computer Engineers, National Technical University of Athens, July 2000.
- **Diploma of Electrical Engineer**, Department of Electrical and Computer Engineers, National Technical University of Athens, Degree 7.55, 1995.
- Experimental Lyceum of the Varvakio School, Degree 19.8, 1990.

RESEARCH INTERESTS

- **Schema evolution**, and in particular, the study of schema evolution for patterns, laws and regularities.
- **Business Intelligence** in general, with particular emphasis to (a) data analytics, data science, and On-Line Analytical Processing (OLAP), and, (b) the Extraction-Transformation-Loading (ETL) of data in data warehouses.
- **Metadata-Rich Data-Intensive Information Systems**, with particular emphasis to the modeling, principled design, architecture visualization and regulation of the evolution of their underlying database infrastructure.

AWARDS

- **Thomaides Prize** for the Progress of Science and Art. National Technical University of Athens, 2000.
- 2000 Prize for Internet and Information Science. Topic: "Architecture and Quality in Data Warehouses". The **Dimitris N. Chorafas Foundation**. Luzern, Switzerland, August 2000.
- **Best Article Award** of the International Journal of Ambient Computing and Intelligence for Year 2010, for the paper "Schedule-Aware Transactions for Ambient Intelligence Environments" by V. Fotopoulos, A. Zarras, and P. Vassiliadis.
- **Best Paper Award** for the paper "RawVis: Visual Exploration over Raw Data." By Nikos Bikakis, Stavros Maroulis, George Papastefanatos, Panos Vassiliadis, at the 22nd European Conference on Advances in Databases and Information Systems (ADBIS 2018), pp. 50-65, Budapest, Hungary, September 2-5, 2018.
- **Best Paper Award** for the paper "Hierarchical Property Set Merging for SPARQL Query Optimization", by Marios Meimaris, George Papastefanatos,

Panos Vassiliadis, at the 22nd International Workshop On Data Warehousing and OLAP (DOLAP 2020), Copenhagen, Denmark, March 30, 2020.

- **Test of Time Award** for the significant impact and scientific relevance of the research paper "Conceptual modeling for ETL processes", published in DOLAP 2002. The award was presented at the 25th International Workshop on Design, Optimization, Languages and Analytical Processing of Big Data (DOLAP 2023), Ioannina, 2023.

MEMBERSHIPS

Member of the following scientific organizations:

- Association for Computer Machinery (ACM), Senior Member
- Institute of Electrical and Electronics Engineers (IEEE), Senior Member

FOREIGN LANGUAGES

- Good knowledge of English and French.

EDUCATIONAL & DEPARTMENTAL ACTIVITIES

COURSES TAUGHT

Graduate courses taught for the Univ. of Ioannina:

- Database Management Systems (aka “Readings in Databases”)
- Topics in Database Management Systems
- Topics in Information Systems
- Data and Software Evolution
- Data Warehouses
- Introduction to Software Systems

Undergraduate courses taught for the Univ. of Ioannina, the Technical University of Crete and the National Technical University of Athens:

- Advanced Topics of Database Technology and Applications
- Databases II (Advanced Topics in Database Management Systems)
- Data Structures
- Knowledge Bases
- Programming in C
- Introduction to Programming
- Object-Oriented Programming
- Software Development

STUDENT ADVISING

Graduated PhD students (Univ. of Ioannina):

- Eftychia Baikousi. “Materialized Views for Top-k Queries: Query Processing, View Refreshment and Similarity”. Univ. Ioannina, January 2012.
- Petros Manousis. “Automated Representation, Quality Assessment, Visualization, and Adaptation to Change for Data Intensive Ecosystems”. Univ. Ioannina, February 2019.

Co-supervision of PhD students

- Alkis Simitsis, “Modelling and Optimization of Extraction-Transformation-Loading (ETL) Processes in Data Warehouse Environments”, National Technical University of Athens, 2004. Co-supervision with Timos Sellis (NTUA).
- Andreas S. Maniatis, “Non Traditional Visualization for Mobile OLAP”, National Technical University of Athens, 2005. Co-supervision with Yannis Vassiliou (NTUA).
- Manolis Terrovitis, “Modelling and Operational Issues for Pattern Base Management Systems”, National Technical University of Athens, 2007. Co-supervision with Timos Sellis (NTUA).
- George Papastefanatos, “Policy Regulated Management of Schema Evolution in Database-centric Environments”, National Technical University of Athens, 2009. Co-supervision with Yannis Vassiliou (NTUA).

Graduated MSc students (Univ. of Ioannina):

2005

- Alexandros Karakasidis, “Extract-Transform-Load (ETL) Queues for Active Data Warehouses”

2006

- Nikolaos Folinas, “Query Processing in Ad-Hoc Networks of Peers”
- Vasiliki Tziouvara, “Order-Aware ETL Workflows”

2007

- Efthymia Rova, “Cross-Layer Networking for Peer Databases over Wireless Ad-hoc communities”
- Eugenia Stathopoulou, “Design Patterns for Databases”
- Anastasios Karagiannis, “Scheduling Policies for the Management of Data Warehouse Refreshment”

2008

- Ioannis Krommydas, “Approximate Joins for Relational Data”

2009

- Panagiotis Domouchtsidis, “Resource Management for ETL workflows”
- Hara Papageorgiou, “Efficient Evaluation of OLAP Queries”

2010

- Alexandra Pilalidou, “Online negotiation for privacy preserving data publishing”
- Georgios Rogkakos, “Similarity Measures For Multidimensional Data”

2013

- Petros Manousis, “Database Evolution and Maintenance of Dependent Applications via Query Rewriting”
- Dimitrios Gkesoulis, “Automatic construction of OLAP query sequences with text and audio commentaries”
- Ioannis Skoulis, “Analysis of Schema Evolution for Databases in Open-Source Software”
- Efthimia Kontogiannopoulou, “Visualization of Data-Intensive Information Ecosystems Via Circular Methods”

2015

- Theofanis Giachos, “Biography synopses for evolving relational database schemata”

2017

- Michail-Romanos Kolozoff, “Graph metrics as predictors of schema evolution for relational databases”
- Athanasios Pappas, “Supporting exploratory analytics on repository-extracted schema histories by integrating external contextual information”

2018

- Maria Zerva, “Extraction and classification of phases in schema evolution histories”

2019

- Konstantinos Dimolikas, “Tool Support and Topological Study of Schema Evolution in terms of Foreign Keys”

2021

- Theologia Kalakou, “Patterns of table evolution in relational databases”
- Fation Shehaj, “A Study of Schema & Software Co-evolution for Relational Databases in Free Open-Source Projects”
- Georgios Theodoros Kalampokis, “A Method to Establish Taxa of Schema Evolution”

2022

- Sotirios Zogos, “Extension of a cube querying system with OLAP operators”
- Athanasios Paligiannis, “Handling of Schema Evolution in Machine Learning Pipelines”

Diploma Thesis (BSc, Univ. of Ioannina): D. Miari & D. Tsakalis (2003), N. Folinis (2003), C. Yoris (2004), A. Karayannis (2004), E. Rova & K. Stamkopoulos (2004), D.

Fourkiotis (2005), A. Lappa (2005), F. Pechlivani & A. Fotiadou (2005), K. Mantzoukas (2005), M. Diamantopoulou & M. Kiosse (2006), A. Gkimperitis & P. Domouchtsidis (2006), A. Katsavos (2007), A. Gkogkas (2008), K. Aggistalis (2008), T. Chatzis (2009), A. Orfanakos (2010), I. Skoulis (2010), D. Pilios (2011), E. Kontogiannopoulou (2011), A. Sereti (2013), D. Lampros (2013), K. Karponi (2013), T. Giahos (2013), M. Kolozof (2013), I. Memos (2015), A. Todoris (2016), M. Zerva (2016), A. Argyroudis (2018).

Diploma Thesis (Diploma Eng., Univ. of Ioannina): A. Pappas (2015), A Xynogala-Karathanou (2018), K. Spyraakis (2018), N. Syris (2018), M. Salonikidis (2019), V. Kassimis (2019), O. Gkavardinas (2020), K. Kadoglou (2020), S. Kostoudas (2020), T. Siozos (2020), A. Voulgaris (2020), K. Chondralis (2021), D. Gkitsakis (2021), E. Mouselli (2021), N. Pantelidis (2021), A. Zintro (2021), A. Alexiou (2022), D. Kakoglepis (2022), S. Kaloudis(2022).

PARTICIPATION IN PHD COMMITTEES

PhD Committees:

- **2002:** External referee for Alberto Abelló (Univ. Politécnica de Catalunya)
- **2008:** Committee member for Dimitrios Skoutas (National Technical Univ. of Athens)
- **2008:** External referee for José Norberto Mazón López (Univ. Alicante)
- **2009:** Committee member for George Papastefanatos (National Technical Univ. of Athens)
- **2009:** Committee member for Georgia Koloniari (Univ. of Ioannina)
- **2010:** External referee for Jesús Pardillo Vella (Univ. Alicante)
- **2012:** Committee member for Rashed Khalil Khalil Salem (Univ. Lumière Lyon 2)
- **2012:** Committee member for Xuifeng Liu (Univ. Aalborg)
- **2013:** Committee member for Marina Drosou (Univ. of Ioannina)
- **2013:** Committee member for Panagiotis Papadakos (Univ. of Crete)
- **2013:** Committee member for Yannis Sotiropoulos (Athens University of Economics and Business)
- **2013:** External referee for Alejandro Maté Morga (Univ. Alicante)
- **2014:** Committee member for Dionysios Athanassopoulos (Univ. of Ioannina)
- **2014:** Committee member for Georgios Margaritis (Univ. of Ioannina)
- **2014:** Committee member for Georgios Poulis (Univ. of Peloponnese)
- **2015:** Committee member for Alexandros Karakasidis (Hellenic Open University)

- **2015:** Committee member for Olga Gkountouna (National Technical Univ. of Athens)
- **2016:** Committee member for Petar Jovanovic (Universitat Politècnica de Catalunya)
- **2017:** Committee member for Georgia Kougka (Aristotle Univ. of Thessaloniki)
- **2017:** Committee member for Kai Hermann (Univ. Aalborg)
- **2018:** Committee member for Simone Graziani (Univ. Bologna)
- **2018:** Committee member for Marios Meimaris (Univ. of Thessaly)
- **2018:** Committee member for Konstantinos Semertzidis (Univ. of Ioannina)
- **2020:** Committee member for Rudra Pratap Deb Nath (Univ. of Aalborg jointly with Universitat Politècnica de Catalunya)
- **2021:** Committee member for Theodora Galani (National Technical Univ. of Athens)

LECTURE NOTES

P. Vassiliadis, T. Sellis (eds.). Advanced Topics in Database Management Systems (in Greek). National Technical Univ. of Athens. June 1998.

Also, co-author in the following chapters:

- P. Vassiliadis. Distributed databases.
- N. Polyzotis, P. Xeros, P. Vassiliadis. SQL-3.
- P. Vassiliadis, S. Skiadopoulos. Object-oriented databases.
- Y. Stavrakas, P. Vassiliadis. Deductive databases.

DEPARTMENTAL ACTIVITIES

- | | |
|---------------------------------------|---|
| 2002 - to date
(Univ. of Ioannina) | <ul style="list-style-type: none"> - Administrative work for the Department of Computer Science - Refereeing for positions in the rank of Assistant Professor, Lecturer and Visiting Professor - Participation in working groups & committees for the Dept. of Computer Science and the University (Committees of: internal evaluation, undergraduate studies, dissemination, infrastructure maintenance, international affairs, seminars) |
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TEACHING ASSISTANCE

Assistant for the following courses, as a student at NTUA:

1. Lab supervisor for the courses “Computer Programming” (1991-1992, 1996-1997) and “Programming Techniques” (1991-1992, 1995-1996, 1996-1997).
2. Teaching assistant for the courses “Introduction to Databases” (1996-1997, 1997-1998, 1998-1999), “Intelligent and Distributed Databases” (1996-1997, 1997-1998, 1998-1999), “Information Systems” (1997-1998, 1998-1999), “Data Structures” (1996-1997, 1997-1998).
3. Assistance in the supervision of the diploma thesis of senior undergraduates of the Knowledge and Database Systems Laboratory, Department of Electrical and Computer Engineers, National Technical University of Athens, specifically A. Potika and V. Papadimos (1998), Y. Xanthakos and E. Valavanis (1998), P. Andritsos and A. Papayanni (1998), I. Zakhem (1999), E. Christidis (1999), Z. Vagena (2000) and P. Liaskovitis, C. Spyropoulos, G. Loukas (2002).

RESEARCH AND INDUSTRIAL EXPERIENCE

R&D PROJECT COORDINATOR

- Project “Query Management over Ad-Hoc Communities of Web Services” for the Univ. of Ioannina. Funding Agency: Min. of Education, EPEAEK, (Project PYTHAGORAS II for the reinforcement of research groups in universities). Duration: Apr. 2005 – Dec. 2007. Funding: 70 K€.
- Project “Ploigia (Navigation and Visual Analytics on Raw Datasets)”, for the Univ. Ioannina. Operational Program "Human Resources Development, Education and Lifelong Learning". Duration June 2018 – October 2019. Funding: 62K€.

EXPERIENCE IN R&D PROJECTS AS A SENIOR RESEARCHER

- Project “PANDA - PATTERNS FOR NEXT-GENERATION DATABASE SYSTEMS” (IST/FET Working Group IST-2001-33058), for ICCS-NTUA (Institute of Communication and Computer Systems – National Technical University of Athens) 2002-2004. Coordinator for ICCS-NTUA: T. Sellis.
- Project “CONSERV: Overlay Networks of Context-Aware Web Services: Management, Adaptability and Query Processing” (Project PYTHAGORAS for the reinforcement of research groups in universities) for the Univ. of Ioannina. Coordinator for Univ. of Ioannina: E. Pitoura.
- Project “Large Scale Choreographies for the Future Internet” -- (IP at FP7-ICT, FP7-ICT-2009-5 - Objective 1.2), for the Univ. of Ioannina. Duration: October 2010 – September 2013. Coordinator for Univ. of Ioannina: A. Zarras.
- Project “EICOS: foundations for perSONalized Cooperative Information Ecosystems” (under the "Thalis" call, operation programme "Education and Lifelong Learning", NSRF 2007 -2013 of Ministry of Education, Greece). Workpackage leader. Start: February 2012, Duration 42 months.
- Project "MEDA: Efficient Management for Big Data – Challenges, Methods and Techniques", under the KRIPIS Programme of GSRT for IMIS, the Institute for the Management of Information Systems of the "Athena" Research and Innovation Centre, Athens, September 2012 - July 2015
- Project "VisualFacts: Democratizing Visual Analytics, A Self-Service Platform for Big Data Exploration", research program funded by Hellenic Foundation for Research and Innovation (1st Call for H.F.R.I. Research Projects for the support of Post-doctoral Researchers), for ATHENA Research Center. Oct 2018 – Dec 2021, Duration: 36 months, Amount: 172,000 €.
- Project “SmartCityBus: Platform for a Smart Public Transport” (under the Action Research-Create-Innovate, EPAnEK 2014-2020) for Univ. Ioannina. Duration: 30 months, July 2020 – Jan 2023.
- Project “Dioni: Computing Infrastructure for Big-Data Processing and Analysis”, Ministry of Development and Investments. Operational Programme Competitiveness,

Entrepreneurship and Innovation 2014-2020 (EPAnEK), Call "Support of Regional Excellence". Beneficiary: Univ. of Ioannina, Duration November 2020 - May 2023 (30 months). Budget: 3M €.

EXPERIENCE IN R&D PROJECTS AS A YOUNG RESEARCHER

- Project “Alexander” (ESPRIT Project: 7521), December 1995 to February 1996, for the National Technical University of Athens.
- Project “Object-Oriented Model for the representation of multimedia and multimedia applications”, June 1996 to May 1998, for the National Technical University of Athens and the General Secretariat of Research and Technology of Greece, in the context of the PENED Programme (serial no. 95EΔ3.3.2-564).
- Project “TOOBIS”, (ESPRIT Project: 20671), March 1996 to June 1997, for the National and Capodistrian University of Athens.
- Project “DWQ”, (ESPRIT III, EP 22469), as an assistant coordinator, October 1996 until October 1999, for the National Technical University of Athens and the Institute of Communication and Computer Systems of the National Technical University of Athens.
- Project “Technical Support for the General Accounting Office of the Greek Ministry of Finance for Database Issues” for ICCS-NTUA (Institute of Communication and Computer Systems – National Technical University of Athens) from June to December 1999.
- Project “Data Quality in Decision Support Systems” for ICCS-NTUA (Institute of Communication and Computer Systems - National Technical University of Athens). Joint project under the French-Greek Coopération Programme “Plato”, 2000. Cooperating French team: Laboratoire Prism, Univ. Versailles, Equipe Ingénierie des Systèmes d'Information et de Décision.
- Project “EDITH - EUROPEAN DEVELOPMENT OF INDEXING TECHNIQUES FOR DATABASES WITH MULTIDIMENSIONAL HIERARCHIES” (IST IST-1999-20722), for ICCS-NTUA (Institute of Communication and Computer Systems – National Technical University of Athens), 2000-2002.

OTHER PROJECTS WHILE IN ADACEMIA

- Member in the project "Roadmap for the upgrade of administrative services provided by the Univ. of Ioannina", Univ. of Ioannina, Executive Programme “Administrative Reform 2007 -2013”, Hellenic Democracy, Oct. 2012 – Feb 2013, Budget: 30,000€.

INDUSTRIAL EXPERIENCE

Worked for DataBlue Hellas, for the period of June 1995 to July 1996.

Participation in the following projects:

- Project “Ippokratis”, December 1995 to July 1996, for Datablue Hellas.

CONTRIBUTION TO THE SCIENTIFIC COMMUNITY

STEERING COMMITTEES

Member of the Steering Committee of the International Workshop on Design, Optimization, Languages and Analytical Processing of Big Data (DOLAP), 2006 – today

EDITOR IN CHIEF

Editor in Chief, Journal on Data Semantics, Springer, 2020 – 2021.

EDITORIAL BOARDS

Data and Knowledge Engineering (DKE), Member of the editorial board, April 2018 – present.

REVIEWER IN INTERNATIONAL SCIENTIFIC JOURNALS

- Business & Information Systems Engineering
- Communications of the ACM (CACM)
- Computer Science and Information Systems (COMSIS)
- Computing
- ACM Computing Surveys (CSUR)
- Concurrency & Computation: Practice and Experience (CC-PE)
- Data and Knowledge Engineering (DKE)
- Decision Support Systems (DSS)
- Distributed and Parallel Databases (DAPD)
- Fundamenta Informaticae
- IEEE Transactions on Knowledge and Data Engineering (TKDE)
- IEEE Transactions on Software Engineering (TSE)
- Information and Software Technology (IST)
- Information Fusion
- Information Sciences
- Information Systems (IS)
- Information Systems Frontiers (ISF)

- International Journal of Data Warehousing and Mining (IJDWM)
- Journal of Computing Science and Engineering (JCSE)
- Journal on Data Semantics (JODS)
- Journal of Database Management (JDM)
- Journal of Intelligent Information Systems (JIIS)
- Journal of Software and Systems Modeling (SOSYM)
- Journal of Universal Computer Science (JUCS)
- Journal of Web Semantics (JWS)
- Knowledge and Information Systems (KAIS)
- Revue Ingénierie des Systèmes d’Information (ISI)
- The Computer Journal
- The VLDB Journal (VLDBJ)
- Transactions on Large-Scale Data- and Knowledge-Centered Systems (TLKDS)

PARTICIPATION IN PROGRAM COMMITTEES OF SCIENTIFIC CONFERENCES

CONFERENCE ORGANIZATION

- Workshops co-Chair (with Silvana Castano) for the 31st International Conference on Conceptual Modeling (ER 2012), Florence, Italy, October 15-18, 2012.
- Tutorials co-Chair (with Atsushi Ohnishi) for the 35th International Conference on Conceptual Modeling (ER 2016), Gifu, Japan, Nov. 14-17, 2016.
- Finance chair for the 26th International Conference on Extending Database Technology EDBT 2023, Ioannina, Greece, March 28-31, 2023.

PC CHAIR

- 5th International Workshop on the Design and Management of Data Warehouses (DMDW 2003), Berlin, Germany, 8 September, 2003 (in conjunction with VLDB 2003). Co-PC-Chair with Hans L. Lenz.
- International Workshop on Pattern Representation and Management (PaRMA 2004), Heraclion, Greece, March 18, 2004 (in conjunction with EDBT 2004). Co-PC-Chair & co-organizer with Yannis Theodoridis.
- 2nd International Workshop on Pattern Representation and Management (PaRMA 2006), Munich, Germany, March 30, 2006 (in conjunction with EDBT

2006). Co-PC-Chair & co-organizer with Yannis Theodoridis and Myra Spiliopoulou.

- 9th International Workshop on Data Warehousing and OLAP (DOLAP 2006), McLean, VA, USA November 10-11, 2006 (in conjunction with CIKM2006).
- 25th International Conference on Data Engineering (ICDE 2009), Area Programme Committee co-chair for the “Data warehousing, OLAP and data grids” track (with Divyakant Agrawal). March 29 - April 4, 2009, Shanghai, China.
- 8th Hellenic Data Management Symposium (HDMS 2009), 31 August - 1 September 2009, Athens.
- 18th ACM Conference on Information and Knowledge Management (CIKM 2009), vice-chair in the “Knowledge Management” Track (responsible for the areas “Data pre- and post-Processing”, “Information Filtering and Recommender Systems”, “Knowledge Synthesis and Visualization”) Hong Kong, November 2-6, 2009.
- 8th International Workshop on Quality in Databases (QDB 2010), September 13th, 2010, Singapore (in conjunction with VLDB 2010). Co-PC-Chair with Andrea Maurino, Cinzia Cappiello, Kai-Uwe Sattler.
- 27th European Conference on Advances in Databases and Information Systems (ADBIS 2023), September 4-7, 2023 – Barcelona, Spain. Co-PC-Chair with Alberto Abello.

PC MEMBER

ADBIS	East-European Conference on Advances in Databases and Information Systems	2006, 2007, 2010, 2011, 2014, 2015, 2021
BEWEB	International Workshop on Business intelligence and the WEB (in conjunction with EDBT/ICDT)	2010 - 2012
BIRTE	International Workshop on Business Intelligence for the Real Time Enterprise (in conjunction with VLDB)	2006, 2008
BP-UML	International Workshop on Best Practices of UML (in conjunction with the ER conference)	2005, 2006
CAISE	Conference on Advanced Information Systems Engineering	2014, 2015, 2016, 2019, 2020, 2021
CIKM	International Conference on Information and Knowledge Management	2003, 2014, 2015
Cloud-I	International Workshop on Cloud Intelligence (collocated with VLDB)	2012, 2013

Dasfaa	International Conference on Database Systems for Advanced Applications	2017-2018
DaWaK	International Conference on Data Warehousing and Knowledge Discovery	2005 – 2022
DOLAP	International Workshop on Data Warehousing and OLAP	2002 – 2023
EDA	Conférence francophone sur les entrepôts de données et l'analyse en ligne	2011 - 2016
EDBT	International Conference on Extending Database Technology	2021
ER	International Conference on Conceptual Modeling	2011 - 2022
FP-UML	International Workshop on Foundations and Practices of UML (in conjunction with ER)	2007 – 2011
HDMS	Hellenic Data Management Symposium	2005 - 2014
IQIS	International Workshop on Information Quality in Information Systems(collocated with SIGMOD)	2005, 2006
MEDI	International Conference on Model & Data Engineering	2012 – 2019, 2021
MOBID	International Workshop on Modeling and Management of Big Data (collocated with ER)	2013 – 2017
NLDB	International Conference on Applications of Natural Language to Information Systems	2005 – 2017
QDB	International Workshop on Quality in Databases (in conjunction with VLDB)	2009, 2011, 2016, 2023
SAC-DM	ACM Symposium on Applied Computing (SAC), Special Track on Data Mining (DM)	2006 – 2017
SOFSEM	International Conference on Current Trends in Theory and Practice of Computer Science	2017 – 2021
SSDBM	International Conference on Scientific and Statistical Database Management	2014
VLDB	49th International Conference on Very Large Data Bases (VLDB).	2023

EXTERNAL REFEREE FOR INTERNATIONAL CONFERENCES

External Referee for the following international conferences: ADBIS (2002, 2003, 2005), AICCSA (2005), BCI (2003), BIRTE (2009), CAiSE (1998, 2000, 2002, 2003), CoopIS (2004, 2006), DaWaK (2000), DISC (2005), DMDW (2002), DOLAP (2001), EDBT (1998,

2004, 2010), ESEC-FSE (2007), FLAIRS (2002), ICDE (2004, 2005, 2006), ICDT (1998, 2001), ICPS (2005), IDEAS (1999, 2001, 2002), PODC (2004), PODS (2008), SAC (2004), SIGMOD (1997, 2004, 2007, 2008, 2012), SSDBM (1998), VLDB (1999, 2002, 2003, 2004, 2005, 2006, 2007, 2009), WISE (2001, 2002)

PROPOSAL REVIEWER

Ministry of Education, Singapore (2007), National Fund for Scientific and Technological Development, Chile (2008), Vienna Science and Technology Fund, Austria (2012), Swiss National Science Foundation (2014).

Hellenic Academic Textbooks (2014), Call 34 (2017), Research Projects to support Postdoctoral Researchers for the Hellenic Foundation for Research and Innovation (ELIDEK) (2017), Support for Young Researchers – 2nd Cycle (2019) for the Operational Program "Human Resources Development, Education and Lifelong Learning".

PANEL MEMBER FOR POSITIONS IN GREEK UNIVERSITIES AND RESEARCH INSTITUTES

Member of the electing Panel for more than 20 faculty and research staff positions in Greek Universities and Research Institutes.

KEYNOTE TALKS, PANELS AND WORKSHOP INVITATIONS

- **Panel moderator:** Pattern management challenges. International Workshop on Pattern Representation and Management (PaRMa 2004), Heraclion, Greece, March 18, 2004 (in conjunction with EDBT 2004). Panel roster: P. Vassiliadis, Barbara Catania, Daniel A. Keim, Yannis Theodoridis, Céline Robardet.
- **Workshop Invitation.** Data warehousing at the crossroads. J. Hammer, M. Schneider, T. Sellis (organizers). Dagstuhl Perspectives Workshop No 04321, IFBI Schloss Dagstuhl, July 2004, Dagstuhl, Germany.
- **Workshop Invitation.** Data Warehousing: from Occasional OLAP to Real-time Business Intelligence. M. Schneider, Gottfried Vossen, E. Zimanyi (organizers). Dagstuhl Seminar No 11361, IFBI Schloss Dagstuhl, September 2011, Dagstuhl, Germany.
- **Keynote talk.** Insight gaining from OLAP queries via data movies. Actes des 10e journées francophones sur les Entrepôts de Données et l'Analyse en Ligne, EDA 2014, Vichy, France, 5-6 Juin, 2014.
- **Invited talk.** Schema evolution for traditional databases and data warehouses. Fifth European Business Intelligence Summer School (eBISS 2015), July 5 - July 10, Barcelona, Spain.
- **Keynote talk.** Schema evolution for relational databases. 5th International Conference on Data Management Technologies and Applications (DATA 2016), July 24 - July 26, Lisbon, Portugal.

- **Keynote talk.** Schema Evolution and Gravitation to Rigidity: a tale of calmness in the lives of structured data. 7th International Conference on Model and Data Engineering (MEDI 2017), October 4-6, 2017 - Barcelona.

PUBLICATIONS

DISSERTATIONS

- D1. **P. Vassiliadis**. "Object-Oriented Database Systems", **Diploma Thesis**, Department of Electrical and Computer Engineers, National Technical University of Athens, 1995 (in Greek).
- D2. **P. Vassiliadis**. "Data Warehouse Modeling and Quality Issues", **Ph.D. Thesis**, Department of Electrical and Computer Engineers, National Technical University of Athens, July 2000 (available both in Greek and in English).

BOOKS

- B1. **P. Vassiliadis**, T. Sellis. Object-Oriented Database Systems. Papasotiriou Editions, 1997 (in Greek). ISBN 960-7510-44-5 (p. 247).
- B2. M. Jarke, M. Lenzerini, Y. Vassiliou, **P. Vassiliadis** (eds.). Fundamentals of Data Warehouses. Springer-Verlag, Berlin Heidelberg 2003. 2nd Edition, ISBN 3-540-42089-4 (p. 207).

JOURNAL PUBLICATIONS

- J1. M. Jarke, M.A. Jeusfeld, C. Quix, **P. Vassiliadis**. Architecture and quality in data warehouses. Information Systems, vol. 24, no. 3, pp. 229-253, May 1999. Elsevier Science Ltd. ISSN 0306-4379.
- J2. **P. Vassiliadis**, M. Bouzeghoub, C. Quix. Towards quality-oriented data warehouse usage and evolution. Information Systems, vol. 25, no.2, pp. 89-115, May 2000. Elsevier Science Ltd. ISSN 0306-4379.
- J3. **P. Vassiliadis**, C. Quix, Y. Vassiliou, M. Jarke. Data Warehouse Process Management. Information Systems, vol. 26, no.3, pp. 205-236, June 2001. Elsevier Science Ltd.
- J4. **P. Vassiliadis**, Z. Vagena, S. Skiadopoulos, N. Karayannidis, T. Sellis. ARKTOS: Towards the modeling, design, control and execution of ETL processes. Information Systems, vol. 26, no. 8, pp. 537-561, December 2001, Elsevier Science Ltd.
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CITATIONS

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As of: 2022-07-25	Publication count	Citation count	h-index
Google Scholar	234	8427	45
ResearchGate	221	5662	40
Scopus	137	3080	29