

CURRICULUM VITAE

Panos Vassiliadis



Prof. Panos Vassiliadis received his Diploma in Electrical Engineering and his PhD in Computer Science from the National Technical University of Athens in 1995 and 2000, respectively.

In 2002, Prof. Vassiliadis joined the Department of Computer Science of the University of Ioannina, where he still serves until today. During his service in the Univ. of Ioannina, Prof. Vassiliadis has designed and taught a large number of courses. He has actively participated in the coordination of the Program of Undergraduate Studies of his Department as well as in the design of the Joint MSc Program on Economics and Data Science. Prof. Vassiliadis has successfully supervised 2 and co-supervised 4 PhD students along with 29 students on their MSc Thesis, and 70 students on their Diploma Thesis.

Prof. Vassiliadis has conducted research in the general area of data management with a notable focus on data warehousing (metadata management, OLAP, and, ETL) for more than 25 years. He has also worked on top-k and context-based querying, as well as in the areas of software engineering and web services. A common thread in his work, involves investigating how the rigorous modeling of data, software and their interdependence can be exploited for the design, visualization and smooth evolution of data-intensive software ecosystems. In this context, a major line of work concerns the discovery of laws for schema evolution, which involves mining software repositories in order to extract the histories of schemata of relational databases and which are subsequently analyzed to identify common patterns of evolution in them. Patterns in software design and deviations from them is another line of research, from the side of software engineering. In parallel, the latest line of research concerns the re-definition of data analytics in terms of (a) redefining the traditional OLAP operators with operators operating at a higher level of abstraction and (b) data storytelling, presenting richer results to users by defining a query answer to be a packaging of data, ML models, and intriguing highlights in them, along with the appropriate text & visualizations.

Prof. Vassiliadis has more than 160 publications in books, international journals and conferences, including co-editing the book “Fundamentals of Data Warehouses” (Springer). Moreover, he has an active service to the scientific community as Steering Committee Chair for DOLAP (2026-2029), an Editor-in-Chief for the Journal on Data Semantics, Springer (2020-2021), Board member and reviewer in several international journals, PC chair for 7 international conferences and workshops, Area chair for 2, and member of the Program Committee for more than 200 international conferences. Moreover, Prof. Vassiliadis has been a review member of panels for a large number of proposals and academic positions.

Prof. Vassiliadis is a Senior Member of ACM and IEEE and a Distinguished Contributor for the IEEE Computer Society. He has earned a test-of-time award (for his paper in DOLAP’02), 3 best paper awards (IJACI’10, ADBIS’18, DOLAP’20), a best demo award (ADBIS 26), a distinguished reviewer award (VLDB’23) and two distinguished meta-reviewer awards (EDBT’25, ICDE’26). Google Scholar reports that his work has been cited more than 10200 times with an h-index of 49.

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Panos Vassiliadis

Last update: August 21, 2026

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, 45110, Ioannina, Hellas
Telephone:	+30-26510-0-8814
Fax:	+30-26510-0-8890
E-mail:	pvassil@cs.uoi.gr
Web page:	http://www.cs.uoi.gr/~pvassil
ORCID:	https://orcid.org/0000-0003-0085-6776
DBLP:	https://dblp.uni-trier.de/pid/13/1242.html
ACM Digital Library:	http://dl.acm.org/author_page.cfm?id=81100047498
IEEE Xplore:	https://ieeexplore.ieee.org/author/37276650400
Google Scholar:	http://scholar.google.com/citations?user=B_Zd1P8AAAAJ&hl=en
ResearchGate	https://www.researchgate.net/profile/Panos_Vassiliadis
Elsevier's Scopus:	https://www.scopus.com/authid/detail.uri?authorId=8892805000
Languages:	Greek (native), English, French

POSITIONS HELD

2020 - today	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 data analytics.
- **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.
- **Software engineering**, with an emphasis to design and software architecture patterns.

MEMBERSHIPS

Member of the following scientific organizations:

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

SERVICE IN HIGHER EDUCATION

CURRICULUM DESIGN & COORDINATION

- Participation in the design and implementation of the Joint Master of Science (MSc) "Economics and Data Science", by the Departments of (i) Economics and (ii) Computer Science & Engineering of the University of Ioannina. Member of the Program's Coordination Committee.
- Coordination of the Undergraduate Studies Committee of the Department of Computer Engineering and Informatics of the University of Ioannina (Sep. 2024 – present) after seven years of participation in the said committee.

COURSES TAUGHT

UNDERGRADUATE COURSES

Undergraduate courses I designed and taught at the University of Ioannina:

- *Advanced Topics of Database Technology and Applications*: A course I redesigned to cover advanced database topics (in place of "Databases II")
- *Software Development*: A course I designed and taught essentially as an "Introduction to Software Technology"

Undergraduate courses I taught at the University of Ioannina, the Technical University of Crete and the National Technical University of Athens include:

- *Databases II*
- *Data Structures*
- *Knowledge Bases*
- *Introduction to Programming*
- *Programming in C*
- *Object-Oriented Programming*

GRADUATE COURSES

The postgraduate courses that I co-introduced and co-designed in the Postgraduate Program of the Department of Information and Communication Technology at the University of Ioannina include:

- *Database Systems*: Essentially the *Readings in Databases* course.
- *Database Application Topics*: A course that we co-designed and co-taught with E. Pitoura and N. Mamoulis, with content that focused on "hot" database topics in each academic year
- *Software and Data Evolution*: A course that we co-designed with A. Zarras in the relevant subject.
- *Data Warehouses*: A course that I designed in the relevant subject

In the new joint MSc Program with the Department of Economics, I have designed and introduced the following graduate courses:

- *Data Visualization*
- *Introduction to Business Intelligence*

Also, at the Department of Environmental Protection, I have taught the following postgraduate courses:

- *Introduction to Software Systems*

- Topics in Information Systems

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).

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), D. Anyfantakis (2022), C. Batsilas (2022), M. Zichnalis (2023), A. Charisis (2023), C. Antoniou (2023), M. Iakovidis (2023), S. Zappidis (2023), V. Ntontis (2023), P. Karampas (2024), G. Karathanos (2024), G. Mitsis (2024), N. Taflampas (2024), L. Vlachopoulos (2025), K. Zioudas (2025), V. Bouzambalidis (2025), K. Papadopoulos (2025), Th. Siakavara (2025), E. Papathanasiou (2025), K. Evangelou (2025), N. Pittas (2026), A. Papadopoulos (2026), A. Kazazis (2026), A. Moutso (2026).

Diploma Thesis (BSc, Univ. of Ioannina): D. Miari & D. Tsakalis (2003), N. Folinas (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. Argyroudou (2018), S. Kapogiannis (2025).

MSc Thesis(MSc in Computer Science, Univ. of Ioannina): Alexandros Karakasidis (2005), Nikolaos Folinas (2006), Vasiliki Tziouvara (2006), Efthymia Rova (2007), Eugenia Stathopoulou (2007), Anastasios Karagiannis (2007), Ioannis Krommydas (2008), Panagiotis Domouchtsidis (2009), Hara Papageorgiou (2009), Alexandra Pilalidou (2010), Georgios Rogkakos (2010), Petros Manousis (2013), Dimitrios Gkesoulis (2013), Ioannis Skoulis (2013), Efthymia Kontogiannopoulou (2013), Theofanis Giachos (2015), Michail-Romanos Kolozoff (2017), Athanasios Pappas (2017), Maria Zerva (2018),

Konstantinos Dimolikas (2019), Theologia Kalakou (2021), Fation Shehaj (2021), Georgios Theodoros Kalampokis (2021), Sotirios Zogos (2022), Athanasios Paligiannis (2022), Christina Trialoni (2022), Dimitra Georgiadou (2022), Aggeliki Dougia (2025), I. Filippou (2026).

PARTICIPATION IN PhD COMMITTEES

PhD Committees:

- 2002: External referee for Alberto Abelló (Univ. Politècnica 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 Gkoutouna (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)
- 2023: Committee member for Stavros Maroulis (National Technical Univ. of Athens)
- 2023: Committee member for Georgios Christodoulou (Univ. of Ioannina)
- 2024: Committee member for Dimitris Tsitsigkos (Univ. of Ioannina)
- 2025: Committee member for Kostas Labropoulos (Univ. of Ioannina)
- 2025: Committee member for Athanasios Georgiadis (Univ. of Ioannina)
- 2025: External reviewer for Javier Flores (Universitat Politècnica de Catalunya)

DEPARTMENTAL ACTIVITIES

Sep. 2024 – Sep 2026	Coordinator of the Committee for Undergraduate Studies for the Dept. of Computer Science & Engineering
Sep. 2024 - today	Member of the Coordinating Committee for the Joint MSc “Economics and Data Science” (Dept. of Economics & Dept. of Computer Science and Engineering)
Jan. 2022 – Sep. 2023	Coordinator of the Internal Evaluation Committee for the Dept. of Computer Science & Engineering
2002 – today	Participation in a vast number of activities for the Univ. Ioannina – 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) – Refereeing for Professor positions in all possible ranks – Miscellaneous administrative work for both the Department and the University

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€.
- Project “Intentional database querying to facilitate interactive data storytelling (DataStory)”. 3rd Call to Support Faculty Members and Researchers, Hellenic Foundation for Research & Innovation. Duration: 01.10.2025 – 31.09.2028. Funding: 254.998,00 €

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 €.
- Project “ARCADIA: Autonomous Resource Allocation for Edge Infrastructures”. National Recovery and Resiliency Plan, Programme Greece 2.0. Beneficiary: ATHENA Research Center. Duration July 2022 – June 2024. Budget: 427.413,30 €

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. 95ΕΔ3.3.2-564).
- Project “TOOBIS”, (ESPRIT Project: 20671), March 1996 to June 1997, for the National and Kapodistrian 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 ACADEMIA

- 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

Chair of the Steering Committee of the International Workshop on Data management fOr anaLytics and Ai Processing (DOLAP), 2026 – 2029

Member of the Steering Committee of the International Workshop on Data management fOr anaLytics and Ai Processing (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)

CHAIRING & PARTICIPATION IN CONFERENCE ORGANIZING AND PROGRAM COMMITTEES

CONFERENCE GENERAL CHAIR

- General Chair for the 19th Hellenic Data Management Symposium (HDMS), July 3-4, 2025, Ioannina, Greece. Co-chair with Nikos Mamoulis.

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), Heracleion, 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).
- 8th Hellenic Data Management Symposium (HDMS 2009), 31 August - 1 September 2009, Athens.
- 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.

AREA CHAIR

- 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.
- 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.

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.

- Workshops co-chair (with Tatjana Welzer) for the 30th European Conference on Advances in Databases and Information Systems (ADBIS'26), Orléans, France, 28 Sep-1 Oct 2026.

PC MEMBER

Participation in the Program Committee in more than 200 conferences, since 2002. His participation during the decade of the '20's includes:

- EDBT (2021 – present, except 2023 as a member of the organizing committee),
- ICDE (2024- present),
- VLDB 2023
- ER (continuous participation from 2011 to present),
- DOLAP (continuous participation from 2002 to present),
- ADBIS (2023 – present),

In previous decades, Prof. Vassiliadis participated systematically in the program committees of the conferences HDMS, CaiSE, DaWaK, MEDI, NLDB, SAC, QDB and occasionally in the program committees of the conferences CIKM, SSDBM, QDB, etc. moreover, he has served as an external reviewer for more than 50 international scientific conferences.

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 FACULTY & RESEARCHER POSITIONS

Member of the electing Panel for more than 35 faculty and research staff positions in both Greek and European Universities and Research Institutes.

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).
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- O7. S. Nadal, A. Abelló, O. Romero, S. Vansummerem and **P. Vassiliadis**, Graph-Driven Federated Data Management (Extended Abstract). 2022 IEEE 38th International Conference on Data Engineering (ICDE 2022), 2022, pp. 1507-1508, doi: 10.1109/ICDE53745.2022.00130.
- O8. Alkis Simitsis, Spiros Skiadopoulos, **Panos Vassiliadis**. The History, Present, and Future of ETL Technology (invited). 25th International Workshop on Design, Optimization, Languages and Analytical Processing of Big Data (DOLAP 2023), p. 3-12, March 28, 2023, Ioannina, Greece.

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- Ed1. Hans-Joachim Lenz, Panos Vassiliadis, Manfred A. Jeusfeld, Martin Staudt. Proceedings of the 5th Intl. Workshop on Design and Management of Data Warehouses (DMDW'2003), Berlin, Germany, September 8, 2003. CEUR Workshop Proceedings 77, CEUR-WS.org 2003
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MISCELLANEOUS

- M1. Y. Theodoridis, E. Bertino, B. Catania, P. Ciaccia, D. Keim, M. Nelke, S. Rizzi, T. Sellis, S. Theodoridis, P. Vassiliadis, M. Vazirgiannis. From Data- to Pattern- Bases and PBMS. Oral Presentation in 2nd International Workshop on Knowledge Discovery in Inductive Databases (KDID-2003), Cavtat/Dubrovnik, Croatia, 22 September 2003.
- M2. P. Vassiliadis, G. Papastefanatos, Y. Vassiliou, T. Sellis. Management of the Evolution of Database-Centric Information Systems. First International Workshop on Database Preservation (PresDB'07), Edinburgh, Scotland, 23 March 2007.
- M3. T. Sellis, D. Skoutas, A. Simitsis, P. Vassiliadis. Data Provenance in ETL Scenarios. Workshop on Principles of Provenance (PrOPr 2007), Edinburgh, Scotland, 19-20 November 2007.
- M4. P. Vassiliadis, A. Karagiannis, V. Tziovara, A. Simitsis. Towards a Benchmark for ETL Workflows. 5th International Workshop on Quality in Databases (QDB 2007), held in conjunction with VLDB 2007, Vienna, Austria, 23 September 2007.

RECOGNITION OF SCIENTIFIC CONTRIBUTION

DISTINGUISHED CONFERENCE INVITATIONS

- Data warehousing at the crossroads. J. Hammer, M. Schneider, T. Sellis (organizers). **Dagstuhl Perspectives Workshop No 04321, IFBI Schloss Dagstuhl**, July 2004, Dagstuhl, Germany.
- 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 TALKS

- **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.

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.

- **Best Demonstration Award** for the demo paper “TimeVizBench: An Interactive Platform for Evaluating Techniques for Efficient Large Time Series Visualization”, by Vassilis Stamatopoulos, Stavros Maroulis, Christos Pantoleon, George Papastefanatos, Panos Vassiliadis. at the 29th European Conference on Advances in Databases and Information Systems (ADBIS 2025), Tampere, Finland, 23-26 September 2025.
- **Distinguished Reviewer Award** for PVLDB vol 16 / VLDB 2023, November 2023
- **Distinguished Meta-Reviewer Award** for EDBT 2025, March 2025
- **Distinguished Meta-Reviewer Award** for ICDE 2026, May 2026

DISTINCTIONS

- Senior Member, 2020, ACM
- Senior Member, 2021, IEEE
- Distinguished Contributor 2023, IEEE Computer Society
For demonstrated technical contributions to the IEEE Computer Society, supporting its mission of leading the global technical community and promoting the development and application of technologies that improve global conditions.

CITATIONS

The search in several search engines specialized in academic literature has resulted in the following numbers for publication count, citation count (attention: simply listing the reported numbers without any further inspection or intervention to remove possible self-citations) and h-index.

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Google Scholar	271	10292	49
ResearchGate	244	6927	43
Elsevier's Scopus	166	3941	33