

CURRICULUM VITAE

1. Personal Information

Name Yiannis Verginadis

Business address Athens University of Economics and Business
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2. Academic Education

2001 – 2006 PhD in Electrical and Computer Engineering (National Technical University of Athens - NTUA)

1996 - 2001 BSc/Master in Electrical and Computer Engineering (National Technical University of Athens - NTUA)

3. Professional Experience

- 07/2020 – today
- Assistant Professor of Management Information Systems in the Department of Business Administration, Athens University of Economics and Business (AUEB)
- 2021 – today
- Expert Reviewer, European Commission's Health and Digital Executive Agency (HADEA)
- 2001 – today
- Senior Researcher, Information Management Unit (IMU), Institute of Communication and Computer Systems (ICCS)
- 2002 – 06/2020
- Adjunct Lecturing, School of Electrical and Computer Engineering, National Technical University of Athens (NTUA)
- 12/2013 – 09/2016
- CEO & co-Founder of Peekintoo PCC
- 10/2010 – 09/2011
- Adjunct Assistant Professor, School of Management, University of the Peloponnese
- 09/2007 – 02/2010
- Adjunct Assistant Professor, Department of Mechanical Engineering, University of Thessaly
- 09/2007 – 12/2007
- Participation in Human Networks for Research and Technological Education program, General Secretariat of Research and Technology
- 2005 – 2009
- External associate: IMC Ltd., MRB Hellas S.A., Existanze Integrated Solutions Ltd.

4. Teaching Experience

4.1. Undergraduate Courses

- c1. **"Management Information Systems"** (5th Semester, Department of Business Administration, AUEB), 07/2020 - Today
- c2. **"Business Informatics and Databases"** (5th Semester, Department of Business Administration, AUEB), 07/2020 - Today
- c3. **"Elements of Computer and Information Systems"** (2th Semester, Department of Business Administration, AUEB), 07/2020 - Today
- c4. **"Management Information Systems"** (6th Semester, School of Management, University of the Peloponnese), 2010-2011
- c5. **"Computer Science III"** (3rd Semester, School of Management, University of the Peloponnese), 2010-2011
- c6. **"Management Information Systems"** (7th Semester Department of Mechanical Engineering, University of Thessaly), 2007-2010
- c7. **"Digital Enterprise Management"** (8th Semester, School of Electrical and Computer Engineering, National Technical University of Athens), 2009 - 06/2020 (adunct co-teaching)
- c8. **"Project Management"** (9th Semester, School of Electrical and Computer Engineering, National Technical University of Athens), 2003 - 06/2020 (adunct co-teaching)
- c9. **"Systems and Information Management"** (6th Semester, School of Electrical and Computer Engineering, National Technical University of Athens), 2002 - 2008 (adunct co-teaching)

4.2 Postgraduate Courses

- p1. **Project Management**, Postgraduate Program "Techno-Economic Systems", National Technical University of Athens, 2008 – 06/2020

4.3 Seminars

- s1. "Knowledge Management in Enterprises and new Semantic Technologies", organized by GGET (General Secretariat for Research and Technology).

5. Research Projects

- E18. (H2020, 958396) AquaSPICE (2020 – today)
- E17. (H2020, 6301118) Morphemic (2019 – today)
- E16. (H2020, 6301067) Asclepios (2018 – today)
- E15. (H2020, 63098300) PrEstoCloud (2017 - 2019)
- E14. (H2020, 63097700) Melodic (2016 - 2019)
- E13. (H2020, 63090100) PaaSword (2015 - 2017)
- E12. (FP7, 63079800) BROKER@CLOUD (2012 - 2015)

- E11. (FP7, 63072800) PLAY (2010 - 2013)
- E10. (FP7, 63063100) SYNERGY (2008 - 2011)
- E9. (FP7, 63066600) OrganiK (2009 - 2010)
- E8. (FP6, 63058300) SOPRANO (2007 - 2011)
- E7. (FP6, 63057200) Laboranova (2009 - 2010)
- E6. (FP6, 63056500) TEAM (2008 - 2009)
- E5. (FP6, 63052300) DEMO-net (2008 - 2009)
- E4. (FP6-027705) NEPOMUK (2007 - 2008)
- E3. (FP6, 63034400) INKASS (2003 - 2004)
- E2. (FP6, 62039800) CB-BUSINESS (2002 - 2004)
- E1. (FP6, 63026800) DECOR (2001 - 2002)

6. Publications

6.1. Publications in Academic Refereed Journals

- J.18 **Tsagkaropoulos, A., Verginadis, Y., Apostolou, D., Papageorgiou, N., Paraskevopoulos, F., Mentzas, G. (2021)** Severity: A QoS-aware approach to cloud application elasticity. *Journal of Cloud Computing, J Cloud Comp* 10, 45 (2021). <https://doi.org/10.1186/s13677-021-00255-5>.
- J.17 **S. Taherizadeh, D. Apostolou, Y. Verginadis, M. Grobelnik and G. Mentzas. (2021)** A Semantic Model for Interchangeable Microservices in Cloud Continuum Computing. *Journal of Information*, 2021; 12(1):40, Special Issue on Artificial Intelligence for the Cloud Continuum.
- J.16 **Tsagkaropoulos, A., Verginadis, Y., Compastié, M., Apostolou, D., Mentzas G. (2021)** Extending TOSCA for Edge and Fog Deployment Support. *Electronics*, 10, 737. <https://doi.org/10.3390/electronics10060737>
- J.15 **Verginadis, Y., Apostolou, D., Taherizadeh, S., Mentzas, G., Ledakis, Y., Tsagkaropoulos, A., Papageorgiou, N., Paraskevopoulos, F., Stojanovic, N. (2021)** PrEstoCloud - A Novel Framework Able to Dynamically Manage Data-Intensive Multi-Cloud, Fog, And Edge Function-As-A-Service Applications. *IGI Information Resources Management Journal (IRMJ) Volume 34 Issue 1 Article 4* (2021)
- J.14 **Papageorgiou, N., Verginadis, Y., Apostolou, D., Mentzas, G. (2019)** Fog Computing Context Analytics, *IEEE Instrumentation & Measurement Magazine*, , vol. 22, no. 6, pp. 53-59, Dec. 2019, doi: 10.1109/MIM.2019.8917904.
- J.13 **Verginadis, Y., Patiniotakis, I., Gouvas, P., Mantzouratos, S., Veloudis, S., Schork, S., Seitz, L., Paraskakis, I. and G. Mentzas (2019)** Context-aware Policy Enforcement for PaaS-enabled Access Control, *IEEE Transactions on Cloud Computing*, pp 1-16, DOI: 10.1109/TCC.2019.2927341
- J.12 **Mazumdar, S., Seybold, D., Kritikos, K. and Y. Verginadis (2019)** A Survey on Data Storage and Placement Methodologies for Cloud-Big Data Ecosystem, *Journal of Big Data* 6, 15, <https://doi.org/10.1186/s40537-019-0178-3>
- J.11 **Taherkordia, A., Zahida, F., Verginadis, Y. and G. Horn (2018)** Future Cloud Systems Design: Challenges and Research Directions, *IEEE Access*, Vol. 6, pp 74120-74150, DOI: 10.1109/ACCESS.2018.2883149

- J.10 Veloudis, S., Paraskakis, I., Petsos, C., Verginadis, Y., Patiniotakis, I., Gouvas, G. and G. Mentzas (2018)** Achieving Security-By-Design Through Ontology-Driven Attribute-Based Access Control in Cloud Environments, *Journal of Future Generation Computer Systems*, Vol. 93, pp 373-391, DOI: 10.1016/j.future.2018.08.042
- J.9 Patiniotakis, I., Apostolou, D., Verginadis, Y., Papageorgiou, N. and G. Mentzas (2017)** Assessing Flexibility in Event-Driven Process Adaptation, *Information Systems, Elsevier*, <https://doi.org/10.1016/j.is.2017.10.009>
- J.8 Verginadis, Y., Michalas, A., Gouvas, P., Schiefer, G., Hubsch, G. and I. Paraskakis (2017)** PaaSword: A Holistic Data Privacy and Security by Design Framework for Cloud Services, *Journal of Grid Computing*, Vol. 15, No. 2, pp 219-234.
- J.7 Patiniotiakis, I., Verginadis, Y. and G. Mentzas (2015)** PuLSaR: Preference-based Cloud Service Selection for Cloud Service Brokers, *Journal of Internet Services and Applications*, Vol. 6, No. 26, pp. 1-14.
- J.6 Kutsikos, K., Kontos, G. and Y. Verginadis (2014)** Developing and Managing Digital Service Ecosystems: a Service Science Viewpoint, *Journal of Systems and Information Technology*, Vol. 16, No. 3, pp. 233-248.
- J.5 Patiniotiakis, I., Papageorgiou, N., Verginadis, Y., Apostolou, D. and G. Mentzas (2013)** Dynamic Event Subscriptions in Distributed Event Based Architectures, *International Journal: Expert Systems with Applications, Elsevier*, Vol. 40, No. 6, pp. 1935–1946.
- J.4 Papageorgiou, N., Verginadis, Y., Apostolou, D., and G. Mentzas (2011)** Event-Driven Adaptive Collaboration Using Semantically-Enriched Patterns, *International Journal: Expert Systems with Applications, Elsevier*, Vol. 38, No. 12, pp. 15409-15424.
- J.3 Verginadis, Y., Apostolou, D., Papageorgiou, N. and G. Mentzas (2011)** OCEAN: An Ontology for Supporting Interoperability Service Utilities in Virtual Organizations, *International Journal of Networking and Virtual Organizations (IJNVO)*, Vol. 9, No. 2, pp. 184-209.
- J.2 Verginadis, Y. and G. Mentzas (2008)** Agents and Workflow Engines for Inter-Organizational Workflows in E-Government cases, *Business Process Management, Journal, ISSN: 1463-7154*, Vol. 14, No. 2, pp. 188-203.
- J.1 Verginadis, G. and G. Mentzas (2004)** A Light Modelling Framework for e-Government Service Workflows, *International Journal of Electronic Government*, Vol. 1, No. 4, pp. 420-438.

6.2. Books / Book Chapters

- B3. Bierhoff, S. Muller, S. Sproll, S. Delaney, P. Byrne, V. Dolnicarf, B. Magoutas, Y. Verginadis, C. Huijnen (2013)** Ambient Assisted Living systems in real life situations: Experiences from the SOPRANO project. Chapter in book entitled "Technologies for Active Aging", Springer, ISBN 978-1-4419-8347-3, International Perspectives on Aging, Volume 9, 2013, pp. 123-153
- B2. Patiniotiakis, I., Papageorgiou, N., Verginadis, Y., Apostolou, D. and G. Mentzas (2012)** A framework for situation-aware adaptation of service-based applications. Adaptive Web Services for Modular and Reusable Software Development: Tactics and Solutions: Tactics and Solutions, 253, ISBN:1466620897 9781466620896
- B1. Verginadis, Y, Mentzas G.,** «Managing the Digital Enterprise», co-authored book for the undergraduate course of the School of Electrical and Mechanical Engineering, National Technical University of Athens, December 2009.

6.3. Publications/Presentations to Referred Conferences

- C.54** Apostolou, D., Verginadis, Y., Mentzas, G., (2021). In the Fog: Application Deployment for the Cloud Continuum. *12th IEEE International Conference on Information, Intelligence, Systems and Applications*, 12-14 July 2021, Crete, Greece
- C.53** Verginadis, Y., Kritikos, K., Patiniotakis, I., (2021). Data and Cloud Polymorphic Application Modelling in Multi-clouds and Fog Environments. *33rd International Conference on Advanced Information Systems Engineering (CaiSE'21)*, Melbourne (Online), 28/062021 – 2/07/2021
- C.52** Psarra, E., Patiniotakis, I., Verginadis, Y., Apostolou, D., Mentzas G., (2020). Securing Access to Healthcare Data with Context-aware Policies. *The 11th International Conference on Information, Intelligence, Systems and Applications, IISA 2020*, 15 - 17 Jul 2020, Online.
- C.51** Psarra E., Verginadis Y., Patiniotakis I., Apostolou D., Mentzas G. (2020) A Context-Aware Security Model for a Combination of Attribute-Based Access Control and Attribute-Based Encryption in the Healthcare Domain. In: Barolli L., Amato F., Moscato F., Enokido T., Takizawa M. (eds) *Web, Artificial Intelligence and Network Applications. WAINA 2020*. Advances in Intelligent Systems and Computing, vol 1150. Springer, Cham, https://doi.org/10.1007/978-3-030-44038-1_104
- C.50** Verginadis, Y., Patiniotakis, M. Prusinski, M. Rózanska, S. Schork, Mentzas, G. (2020) A Security and Privacy-Preserving Path for Enhancing Information Systems that Manage Cross-Cloud Applications. *M2EC workshop, 34th International Conference on Advanced Information Networking and Applications (AINA-2020)*, Online, 15-17 April, 2020
- C.49** Stefanidis, V., Verginadis, Y., Baur, D., Przewdziek, T., Mentzas, G. (2020) Reconfiguration Penalty Calculation for Cross-Cloud Application Adaptations. *10th International Conference on Cloud Computing and Services Science, CLOSER 2020*, Prague, 7-9 May, 2020
- C.48** Horn, G., Skrzypek, P., Prusinski, M., Materka, K., Stefanidis, V. and Y. Verginadis (2019) “MELODIC: Selection and Integration of Open Source to Build an Autonomic Cross-Cloud Deployment Platform”. In: Mazzara M., Bruel JM., Meyer B., Petrenko A. (eds) *Software Technology: Methods and Tools. TOOLS 2019*, Lecture Notes in Computer Science, vol 11771. Springer, Cham, DOI: 10.1007/978-3-030-29852-4_31
- C.47** Verginadis Y., Patiniotakis I., Mentzas G. (2019) A Context-Aware Service for Authorizing Multi-cloud Deployments. In: Barolli L., Takizawa M., Xhafa F., Enokido T. (eds) *Web, Artificial Intelligence and Network Applications. WAINA 2019*. Advances in Intelligent Systems and Computing, vol 927. Springer, Cham, DOI: 10.1007/978-3-030-15035-8_98
- C.46** Papageorgiou, N., Apostolou, D., Verginadis, Y., Tsagkaropoulos, A., Mentzas, G. (2019) Situation Detection on the Edge. In: Barolli L., Takizawa M., Xhafa F., Enokido T. (eds) *Web, Artificial Intelligence and Network Applications. WAINA 2019*. Advances in Intelligent Systems and Computing, vol 927. Springer, Cham, DOI: 10.1007/978-3-030-15035-8_97
- C.45** Baur, D., Griesinger, F., Verginadis, Y., Stefanidis, V. and I. Patiniotakis (2018) “A Model Driven Engineering Approach for Flexible and Distributed Monitoring of Cross-Cloud Applications”, *Utility & Cloud Computing Conference (UCC'18)*, 17-20 December 2018, Zurich, UCC 2018: 31-40, DOI: 10.1109/UCC.2018.00012
- C.44** Stefanidis, V., Verginadis, Y., Patiniotakis, I. and G. Mentzas (2018) “Distributed Complex Event Processing in Multiclouds”, *In Proceedings of the 7th European Conference on Service-Oriented and Cloud Computing*, 12 - 14 September, 2018, Como, Italy, Lecture Notes in Computer Science, vol 11116. Springer, Cham, pp 105-119, DOI: 10.1007/978-3-319-99819-0_8
- C.43** Papageorgiou, N., Apostolou, D., Verginadis, Y., Tsagkaropoulos, A., and G. Mentzas (2018) “A Situation Detection Mechanism for Pervasive Computing Infrastructures”, *The 9th International Conference on Information, Intelligence, Systems and Applications (IISA'18)*, 23-25 July 2018, Zakynthos, Greece, DOI: 10.1109/IISA.2018.8633687

- C.42 Verginadis, Y., Patiniotakis, I. and G. Mentzas (2018)** “Metadata Schema for Data-Aware Multi-Cloud Computing”, *IEEE (SMC) INISTA 2018: 1-9*, 3-5 July 2018, Thessaloniki, Greece, DOI: 10.1109/INISTA.2018.8466270
- C.41 Tsagkaropoulos, A., Papageorgiou, N., Apostolou, D., Verginadis, Y. and G. Mentzas (2018)** “Challenges and Research Directions in Big Data-driven Cloud Adaptivity” *In Proceedings of the 8th International Conference on Cloud Computing and Services Science (CLOSER)*, SciTePress, pp.190-200
- C.40 Veloudis, S., Paraskakis, I., Verginadis, Y., Patiniotakis, I. and G. Mentzas (2017)** “Ontological Templates for Regulating Access to Sensitive Medical Data in the Cloud”, *In the 3rd International Workshop on Cloud Security and Data Privacy by Design (CloudSPD’17) held in conjunction with the 30th IEEE International Symposium on Computer-Based Medical Systems (CBMS)*, Thessaloniki, Greece, June 22-24, 2017, IEEE, pp. 805-810
- C.39 Veloudis, S., Paraskakis, I., Petsos, C., Verginadis, Y., Patiniotakis, I. and G. Mentzas (2017)** “An Ontological Template for Context Expressions in Attribute-Based Access Control Policies”, *In Proceedings of the 7th International Conference on Cloud Computing and Services Science CLOSER*, Porto, Portugal, April 24-26, 2017, SciTePress, pp. 123-134
- C.38 Verginadis, Y., Alshabani, I., Mentzas, G. and N. Stojanovic (2017)** “PrEstoCloud: Proactive Cloud Resources Management at the Edge for Efficient Real-Time Big Data Processing”, *In Proceedings of the 7th International Conference on Cloud Computing and Services Science CLOSER*, Porto, Portugal, April 24-26, 2017, SciTePress, pp. 611-617
- C.37 Tsagkaropoulos, A., Verginadis, Y., Apostolou, D. and G. Mentzas (2017)** “Seamless task offloading on multi-clouds and edge resources: An experiment”, *In the 8th International Conference on Information, Intelligence, Systems, Applications (IISA 2017)*, Larnaca, Cyprus 28-30 August, IEEE, pp. 1-5
- C.36 Veloudis, S., Verginadis, Y., Patiniotakis, I., Paraskakis, I. and G. Mentzas (2016)** “Context-aware Security Models for PaaS-enabled Access Control”, *In 6th International Conference on Cloud Computing and Services Science (CLOSER)*, Rome, Italy, April 23-25, 2016, Springer, pp. 202-212
- C.35 Veloudis, S., Paraskakis, I., Verginadis, Y., Patiniotakis, I. and G. Mentzas (2016)** “A Generic Framework for Representing Context-Aware Security Policies in the Cloud”, *In 6th International Conference on Cloud Computing and Services Science (CLOSER)*, Rome, Italy, April 23-25, 2016, Springer, pp. 339-359
- C.34 Verginadis, Y., Patiniotakis, I., Mentzas, G., Veloudis, S and I. Paraskakis (2016)** “Data Distribution and Encryption Modelling for PaaS-enabled Cloud Security”, *In Proceedings of the 2nd International Workshop on Cloud Security and Data Privacy by Design (CloudSPD’16), co-located with the 8th IEEE International Conference on Cloud Computing Technology and Science (CloudCom 2016)*, Luxembourg, 12-15 December, 2016, IEEE, pp. 497-502
- C.33 Veloudis, S., Paraskakis, I., Friesen, A., Verginadis, Y. and I., Patiniotakis (2015)** “Underpinning a Cloud Brokerage Service Framework for Quality Assurance and Optimisation: A Case Study” *In Proceedings of the 7th Balkan conference in informatics (BCI’15)*, Craiova, Romania, 2-4 September, 2015, ACM, pp. 12:1-12:8
- C.32 Verginadis, Y., Michalas, A., Gouvas, P., Schiefer, G., Hübsch, G. and I. Paraskakis (2015)** “PaaSword: A Holistic Data Privacy and Security by Design Framework for Cloud Services”, *5th International Conference on Cloud Computing and Services Science (CLOSER 2015)*, 20-22 May, Lisbon, Portugal, SciTePress, pp. 206-213
- C.31 Verginadis, Y., Mentzas, G., Veloudis, S. and I. Paraskakis (2015)** “A Survey on Context Security Policies in the Cloud”, *Proceedings of the 1st International Workshop on Cloud Security and Data Privacy by Design (CloudSPD’15), co-located with the 8th IEEE/ACM International Conference on Utility and Cloud Computing (UCC’15)*, Limassol, Cyprus, December 7-10, 2015, IEEE, pp. 589 – 594

- C.30 Veloudis, S., Paraskakis, I., Friesen, A., Verginadis, Y. and I. Patiniotakis (2014)** “Underpinning a Cloud Brokerage Service Framework for Quality Assurance and Optimisation: A Case Study” *IEEE 6th International Conference on Cloud Computing Technology and Science, CloudCom 2014*, Singapore, December 15-18, 2014, IEEE, pp. 660-663
- C.29 Veloudis, S., Paraskakis, I., Friesen, A., Verginadis, Y., Patiniotakis, I. and A. Rossini (2014)** “Continuous Quality Assurance and Optimisation in Cloud-Based Virtual Enterprises”, *15th IFIP Working Conference on Virtual Enterprises (PRO-VE)*, 6-9 October 2014, Amsterdam, Netherlands, Springer, pp. 621-632 (3rd Best Paper Award)
- C.28 Patiniotakis, I., Verginadis, Y. and G. Mentzas (2014)** “Preference-based Cloud Service Recommendation as a Brokerage Service”, *2nd International Workshop on CrossCloud Systems, CCB@Middleware 2014, Bordeaux, France, 8 December, 2014, ACM*, pp. 5:1-5:6
- C.27 Simons, A. J. H., Bratanis, K., Kourtesis, D., Paraskakis, I., Veloudis, S., Verginadis, Y., Mentzas, G., Braun, S., and A. Rossini (2014)** “Advanced Service Brokerage Capabilities as the Catalyst for Future Cloud Service Ecosystems”, *2nd International Workshop on CrossCloud Systems, CCB@Middleware 2014, Bordeaux, France, 8 December, 2014, ACM*, pp. 7:1-7:6
- C.26 Kourtesis, D., Bratanis, K., Paraskakis, I., Verginadis, Y., Mentzas, G., Simons, A. J. H., Friesen, A. and S. Braun (2013)** “A Research Roadmap for Bringing Continuous Quality Assurance and Optimization to Enterprise Cloud Service Brokers”, *eChallenges 2013*, Dublin, Ireland, 09 - 11 October, 2013
- C.25 Rizou, S., Verginadis, Y. and G. Mentzas (2013)** “Continuous Service Optimization as Cloud Brokerage Service”, *3rd International Conference on Cloud Computing and Services Science (CLOSER)*. Aachen, Germany, 8-10 May, 2013, SciTePress, pp. 120-125
- C.24 Verginadis, Y., Apostolou, D., Barthe-Delanoë, A.-M., and F. Benaben (2013)** “Addressing agility in collaborative processes: A comparative study” *In the 7th IEEE International Conference on Digital Ecosystems and Technologies (DEST)*, Menlo Park, CA, USA, July 24-26, 2013, IEEE pp. 120 – 125
- C.23 Patiniotiakis, I., Rizou, S., Verginadis, Y. and G. Mentzas (2013)** “Managing Imprecise Criteria in Cloud Service Ranking with a Fuzzy Multi-Criteria Decision Making Method”, *European Conference on Service-Oriented and Cloud Computing (ESOCC)*, Malaga, Spain, 11-13 September, 2013, LNCS 8135, pp. 34–48
- C.22 Kourtesis, D., Bratanis, K., Friesen, A., Verginadis, Y., Simons, A. J. H., Rossini, A., Schwichtenberg, A. and P. Gouvas (2013)** “Brokerage for Quality Assurance and Optimisation of Cloud Services: an Analysis of Key Requirements”, *In the 1st International Workshop on Cloud Service Brokerage (CSB 2013), co-located with the 11th International Conference on Service Oriented Computing (ICSOC 2013)*, Berlin, Germany, December 2-5, 2013, LNCS, vol. 8377, pp. 150–162
- C.21 Patiniotiakis, I., Papageorgiou, N., Apostolou, D., Verginadis, Y. and G. Mentzas (2013)** “Collaborative Process Flexibility Using Multi-Criteria Decision Making”, *14th IFIP Working Conference on Virtual Enterprises (PRO-VE) – Special Session on Event-Driven Collaborative Network*, 30 September – 2 October, 2013 Dresden, Germany, Springer, pp. 691-698
- C.20 Stühmer, R., Verginadis, Y., Alshabani, I., and T., Morsellino (2013)** “PLAY: Semantics-based Event Marketplace”, *14th IFIP Working Conference on Virtual Enterprises (PRO-VE) – Special Session on Event-Driven Collaborative Network*, 30 September – 2 October, 2013 Dresden, Germany, Springer, pp. 699-707
- C.19 Patiniotiakis, I., Papageorgiou, N., Verginadis, Y., Apostolou, D. and G. Mentzas (2012)** “An Aspect Oriented Approach for Implementing Situational Driven Adaptation of BPMN2.0 Workflows”, *6th International Workshop on Event-Driven Business Process Management collocated with BPM 2012*, Tallinn, Estonia, 3-7 September 2012, Springer, pp. 414-425
- C.18 Verginadis, Y., Patiniotakis, I., Papageorgiou, N., Apostolou, D. and G. Mentzas (2012)** “A Goal Driven Dynamic Event Subscription Approach”, *6th ACM International Conference on*

Distributed Event-Based Systems (DEBS '12), Berlin, Germany, 16-20 July, 2012, ACM, pp. 81-84

- C.17 Lauras, M., Stühmer, R., Verginadis, Y. and F. Benaben (2012)** “An event-driven platform to manage agility: Behavior adaptation in delivery context”, *6th IEEE International Conference on Digital Ecosystem Technologies – Complex Environment Engineering (IEEE DEST-CEE 2012)*, Campione d'Italia, Italy, June 18-20, 2012. IEEE, pp. 1-6
- C.16 Verginadis, Y., Patiniotakis, I., Papageorgiou, N., Apostolou, D., Mentzas, G. and N. Stojanovic (2012)** “Context Management in Event Marketplaces”, *The Semantic Web: ESWC 2012 Satellite Events*, Heraklion, Crete, Greece, May 27-31, LNCS 7540, pp. 313–326
- C.15 Papageorgiou, N., Verginadis, Y., Apostolou, D. and G. Mentzas (2011)** “Collaboration pattern assistant: an event-driven tool for supporting pattern-based collaborations”, *Proceedings of the Fifth ACM International Conference on Distributed Event-Based Systems, DEBS 2011*, New York, NY, USA, July 11-15, 2011. ACM, pp. 387-388
- C.14 Papageorgiou, N., Verginadis, Y., Apostolou, D. and G. Mentzas (2011)** “An Ontology-based Assistant for Collaborative Processes”, *Database and Expert Systems Applications, DEXA, International Workshops*, Toulouse, France, August 29 - Sept. 2, 2011, IEEE Computer Society, pp. 194-201
- C.13 Verginadis, Y., Patiniotakis, I., Papageorgiou, N., Stühmer, R., (2011)** “Service Adaptation Recommender in the Event Marketplace: Conceptual View”, *6th International Workshop on Semantic Business Process Management collocated with ESWC 2011*, 29 May to 2 June 2011 in Heraklion, Greece, pp. 194-201
- C.12 Verginadis, Y., Papageorgiou, N., Apostolou, D. and G. Mentzas (2010)** “A Review of Patterns in Collaborative Work”, *Group 2010*, 7-10 November 2010, Sanibel Island, Florida, USA, ACM, pp. 283-292
- C.11 Papageorgiou, N., Verginadis, Y., Apostolou, D. and G. Mentzas (2010)** “Semantic Interoperability of E-Services in Collaborative Networked Organizations”, *International Conference on E-Business (ICE-B 2010)*, July 26-28, Athens, Greece, pp. 221-228
- C.10 Papageorgiou, N., Verginadis, Y., Apostolou, D. and G. Mentzas (2010)** “Ontology Based Patterns for Collaborative Process Management”, *5th International Workshop on Semantic Business Process Management (SBPM) collocated with ESWC 2010*, 30 May to 3 June 2010, Heraklion, Greece, pp. 5-12
- C.9 Lorré, J.P., Verginadis, Y., Papageorgiou, N. and N. Salatge (2010)** “Ad-Hoc Execution of Collaboration Patterns Using Dynamic Orchestration”, *International Conference on Interoperability for Enterprise Software and Applications (I-ESA 2010)*, 14-15 April, 2010 Coventry, UK, pp. 3-12
- C.8 Papageorgiou, N., Verginadis, Y., Apostolou, D. and G. Mentzas (2009)** “A Collaboration Pattern Model for Virtual Organisations”, *10th IFIP WG 5.5 Working Conference on Virtual Enterprises, PRO-VE, 7-9 October, 2009*, IFIP Advances in Information and Communication Technology, Springer Verlag, Vol. 307, pp. 61-68
- C.7 Verginadis Y., Apostolou, D., Papageorgiou, N. and G. Mentzas (2009)** “An Architecture for Collaboration Patterns in Agile Event-Driven Environments”, *18th IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises, WETICE 2009*, Groningen, The Netherlands, 29 June - 1 July 2009, pp. 227-230
- C.6 Verginadis, Y., Apostolou, D., Papageorgiou, N. and G. Mentzas (2009)** “Collaboration Patterns in Event-Driven Environments for Virtual Organizations”, *Association for the Advancement of Artificial Intelligence (AAAI) Spring Symposium: Intelligent Event Processing*, 23-25 March, 2009, Palo Alto, California, USA, pp. 92-97
- C.5 Verginadis, G., Gouvas, P., Bouras, T. and G. Mentzas (2008)** “Conceptual Modeling of Service-Oriented Programmable Smart Assistive Environments”, *1st International Conference on Pervasive Technologies Related to Assistive Environments (PETRA'08)*, Athens, Greece, 16-18 July, DOI:10.1145/1389586.1389600

- C.4 Verginadis, G., Gouvas, P. and G. Mentzas (2005)** “An Hybrid Intermediation Architectural Approach for Integrating Cross-Organizational Services”, *On the Move to Meaningful Internet Systems - MIOS*, Cyprus, Lecture Notes in Computer Science, Vol. 3762, pp 452-460
- C.3 Verginadis, G., Gouscos, D. and G. Mentzas (2004)** “Modeling e-Government Service Workflows through Recurring Patterns”, *EGOV04: Third Egov Conference, DEXA Conference*, Zaragoza, 30 August – 3 September, 2004, Lecture Notes in Computer Science, Vol. 3182, pp 483-488
- C.2 Halaris, C. and G. Verginadis (2004)** “E-Government: A Strategy for deploying Social Security related Electronic Services”, *EGOV04: Third Egov Conference, DEXA Conference*, Zaragoza, 30 August – 3 September, 2004
- C.1 Verginadis, G., Gouscos, D., Legal, M. and G. Mentzas (2003)** “An Architecture for Integrating Heterogeneous Administrative Services into One-Stop e-Government”, *E-Challenges Conference*, Bologna, Italy, 22-24 October, 2004

6.4. Other Publications

- O.1 Verginadis, Y. (2006)** "Inter-Organizational Workflow Management Systems", PhD Thesis, School of Electrical and Computer Engineering, National Technical University of Athens.

7. Distinctions

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| 2014 | <p>3rd BEST PAPER AWARD at the 15th Working Conference on Virtual Enterprises, 6-8 October 2014, Amsterdam:</p> <p>Veloudis, S., Paraskakis, I., Friesen, A., Verginadis, Y., Patiniotakis, I. and A. Rossini (2014) “Continuous Quality Assurance and Optimisation in Cloud-Based Virtual Enterprises”, <i>15th IFIP Working Conference on Virtual Enterprises (PRO-VE)</i>, 6-9 October 2014, Amsterdam, Netherlands, Springer, pp. 621-632.</p> |
| 2005 | <p>Thwmaidia Awards for progress in science and art 2005 for the publication:</p> <p>Verginadis, G., Gouvas, P. and G. Mentzas (2005) “An Hybrid Intermediation Architectural Approach for Integrating Cross-Organizational Services”, <i>On the Move to Meaningful Internet Systems - MIOS</i>, Cyprus, Lecture Notes in Computer Science, Vol. 3762, pp 452-460</p> |
| 2004 | <p>Thwmaidia Awards for progress in science and art 2004 for the publication:</p> <p>Verginadis, G., Gouscos, D. and G. Mentzas (2004) “Modeling e-Government Service Workflows through Recurring Patterns”, <i>EGOV04: Third Egov Conference, DEXA Conference</i>, Zaragoza, 30 August – 3 September, 2004, Lecture Notes in Computer Science, Vol. 3182, pp 483-488.</p> |
| 2003 | <p>Thwmaidia Awards for progress in science and art 2003 for the publication:</p> <p>Verginadis, G., Gouscos, D., Legal, M. and G. Mentzas (2003) “An Architecture for Integrating Heterogeneous Administrative Services into One-Stop e-Government”, <i>E-Challenges Conference</i>, Bologna, Italy, 22-24 October, 2004.</p> |

8. Reviewing Activities

8.1. Reviewer in Academic Journals

- [1] Business Process Management Journal
- [2] Government Information Quarterly
- [3] Journal of Software Engineering and Knowledge Engineering – special issue “Emerging Synergies of Artificial Intelligence and Software Engineering”
- [4] International Journal of Production Research
- [5] International Journal of Electronic Government Research
- [6] IEEE Transactions on Services Computing
- [7] Journal of Systems and Information Technology
- [8] Journal: Future Generation Computer Systems
- [9] IEEE Access Journal
- [10] Journal of King Saud University - Computer and Information Sciences
- [11] Experts Systems with Applications Journal
- [12] Computer Communications

8.2. Reviewer in Academic Conferences

- [1] International Conference on Information Systems for Crisis Response and Management (ISCRAM 2012)
- [2] International Conference on E-Business (ICE-B 2013)
- [3] International Workshop on Cloud Service Brokerage (CSB 2013)
- [4] International Conference on E-Business (ICE-B 2014)
- [5] International Conference on Interoperability for Enterprises Systems and Applications (I-ESA 2014)
- [6] International Conference on E-Business (ICE-B 2015)
- [7] International Conference on Information Systems for Crisis Response and Management (ISCRAM-MED 2014, 2015, 2016)
- [8] IFIP working Conference on Virtual Enterprises (PRO-VE 2015)
- [9] International Workshop on Cloud Security and Data Privacy by Design (CloudSPD, 2015, 2016, 2017)
- [10] International Conference on Innovations for Information Technology (IIT'15)
- [11] IEEE International Conference on Intelligent Transportation Systems (2017)
- [12] International Workshop on Recent Advances for Multi-Clouds and Mobile Edge Computing (M2EC 2019)
- [13] 16th International Conference on E-Business (ICE-B 2019)
- [14] International Workshop on Recent Advances for Multi-Clouds and Mobile Edge Computing (M2EC 2020)
- [15] 10th International Conference on Cloud Computing and Services Science (CLOSER 2020)
- [16] The 3rd International Workshop on Recent Advances for Multi-Clouds and Mobile Edge Computing (M2EC 2021)

- [17] 34th IEEE International Symposium on Computer-Based Medical Systems (IEEE CBMS2021) - special track on "Security of e-Health Systems and Connected Medical Devices".
- [18] 11th International Conference on Cloud Computing and Services Science (CLOSER 2021)
- [19] 13rd IEEE International Conference on Cloud Computing (IEEE CLOUD 2021)

8.3. Other Reviewing Activities

- PhD candidates publications review, “2nd PhD Colloquium”, September 3-4, 2006, Krakow, Poland.
- Reviewer of the action « COOPERATION», 2010, Greek General Secretariat of Research and Technology
- PhD candidates publications review, PhD Symposium, co-located with 16th International Conference on Business Information Systems (BIS 2013), Poznań, Poland.
- Open call reviewer, RAWFIE- INFRASTRUCTURE-2016, under the Future Internet Research Experimentation (FIRE+) initiative that aimed at providing research facilities for Internet of Things (IoT) devices
- Expert H2020 Reviewer at the European Commission’s Health and Digital Executive Agency (HADEA), 2021

8.4. co-Chair in Scientific Events

- 2018 International Workshop on Intelligent systems and services for cloud accessible, data-intensive computing (ISS-Cloud), in the frame of the International Conference on Information, Intelligence, Systems and Application, Zakynthos, Greece, 23-25 July, 2018.
- 2017 International Workshop on Cloud Security and Data Privacy by Design (CloudSPD'17), co-located with the IEEE International Symposium on Computer-Based Medical Systems (CBMS 2017), Thessaloniki, Greece, 22-24 June, 2017.
- 2016 International Workshop on Cloud Security and Data Privacy by Design (CloudSPD'16), co-located with the IEEE International Conference and Workshops on Cloud Computing Technology and Science (CloudCom) 12 December 2016 – Luxembourg.
- 2015 International Workshop on Cloud Security and Data Privacy by Design (CloudSPD'15) co-located with the 8th IEEE/ACM International Conference on Utility and Cloud Computing Limassol, Cyprus, December 7-10, 2015.

9. Research Interests

- Management Information Systems
- Digital Entrprise Management
- Knowledge Management
- Cloud, Fog and Osmotic Computing
- Cloud Security
- Smart Contracts, Blockchain

10. Memberships

- Member of Technical Chamber of Greece
- Member of Panhellenic Union of Mechanical and Electrical Engineers
- Member of the Institute of Systems and Technologies of Information, Control and Communication (INSTICC community)