Curriculum Vitae

Lamprini Seremeti

2026

1. Personal Information

NAME:	Lamprini
SURNAME	Seremeti
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2. Education

2025: Doctor of Philosophy in Computer Engineering, Department of Electrical and Computer Engineering, Polytechnic School, University of the Peloponnese, Greece.

2025: Post-Doctoral Research in co-evolution of Law and AI, Department of Statistics and Insurance Science, School of Economic Sciences, University of Western Macedonia, Greece.

2021: Bachelor in Law, School of Law, University of Nicosia, Cyprus.

2017: Certificate in Intercultural Education, Harokopio University of Athens, Greece.

2015: Certificate of Adequacy for Adult Educators, National Organization for the Certification of Qualifications & Vocational Guidance.

2015: Certificate in Pedagogical and Teaching Competence, Hellenic National Academic Recognition and Information Center

2015: Doctor of Philosophy in Computer Science, School of Science & Technology, Hellenic Open University, Greece.

2015: Master of Education in Special Education, IaD School, Tor Vergata University of Rome, Italy.

2006: Bachelor in Informatics in Business Management, School of Business Management, University of Western Greece, Greece.

2004: Master of Science in Pure Mathematics, Department of Mathematics, School of Science, University of Patras, Greece.

2000: Bachelor in Mathematics, Department of Mathematics, School of Science, University of Patras, Greece.

3. Research Projects

Research associate at project ATRACO (Adaptive and Trusted Ambient Ecologies), Computer Technology Institute and Press "DIOPHANTUS" (CTI), **2008 - 2010**, with deliverables:

1. **Seremeti, L**., Kameas, A. (2009). D09 – Ontology, Public Deliverable, The ATRACO Project (FP7/2007-2013 grant agreement no 216837).
2. **Seremeti, L**., Kameas, A. (2009). D10 – Ontology management framework, Public Deliverable, The ATRACO Project (FP7/2007-2013 grant agreement no 216837).
3. Pavel, D., Gardner, M., Wagner, C., Hangras, H., Kameas, A., **Seremeti, L**., Meliones, A., Bellik, Y., Pruvost, G., Heinroth, T. (2009). D10 – Basic Concepts and Components Setup. Public Deliverable, The ATRACO Project (FP7/2007-2013 grant agreement no 216837).
4. Minker, W., Kameas, A., Goumopoulos, C., Bidot, J., **Seremeti, L.**, Meliones, A., Bellik, Y., Pruvost, G., Heinroth, T., Hangras, H., Gardner, M. (2009). D11 – Requirements Analysis. Public Deliverable, The ATRACO Project (FP7/2007-2013 grant agreement no 216837).
5. Goumopoulos, C., Calemis, K., Togias, K., Stamatis, P., **Seremeti, L**., Kameas, A. (2010). D17 – Excology Configuration Adaptation. Confidential Deliverable, The ATRACO Project (FP7/2007-2013 grant agreement no 216837).

Research associate at project BIOMEDMINE (Mining Biomedical Data and Images: Development of Algorithms and Applications), Department of Computer Engineering and Informatics, School of Engineering, University of Patras, **2011 -2015**, with deliverables:

1. **Σερεμέτη, Λ.,** Καμέας, Α. (2012). Μηχανική Οντολογιών. Τεχνική αναφορά. Thales Project BIOMEDMNE – Εξόρυξη Βιοιατρικών Δεδομένων και Εικόνων¨Ανάπτυξη Αλγορίθμων και Εφαρμογές.
2. **Σερεμέτη, Λ.,** Καμέας, Α. (2013). Μηχανική Οντολογίας Βιολογικών Εικόνων. Τεχνική αναφορά. Thales Project BIOMEDMNE – Εξόρυξη Βιοιατρικών Δεδομένων και Εικόνων¨Ανάπτυξη Αλγορίθμων και Εφαρμογές.
3. **Σερεμέτη, Λ.,** Καμέας, Α. (2013). Οντολογία Πρωτεινικών Δομών και Ακολουθιών. Τεχνική αναφορά. Thales Project BIOMEDMNE – Εξόρυξη Βιοιατρικών Δεδομένων και Εικόνων¨Ανάπτυξη Αλγορίθμων και Εφαρμογές.
4. **Σερεμέτη, Λ.,** Καμέας, Α. (2014). Μηχανική της Οντολογίας Ιατρικών Εικόνων. Τεχνική αναφορά. Thales Project BIOMEDMNE – Εξόρυξη Βιοιατρικών Δεδομένων και Εικόνων¨Ανάπτυξη Αλγορίθμων και Εφαρμογές.
5. **Σερεμέτη, Λ.,** Καμέας, Α. (2014). Μηχανική Οντολογίας Βιοσημάτων. Τεχνική αναφορά. Thales Project BIOMEDMNE – Εξόρυξη Βιοιατρικών Δεδομένων και Εικόνων¨Ανάπτυξη Αλγορίθμων και Εφαρμογές.
6. **Σερεμέτη, Λ.,** Καμέας, Α. (2015). Αλγόριθμοι Ταιριάσματος και Ευθυγράμμισης Οντολογιών. Τεχνική αναφορά. Thales Project BIOMEDMNE – Εξόρυξη Βιοιατρικών Δεδομένων και Εικόνων¨Ανάπτυξη Αλγορίθμων και Εφαρμογές.
7. **Σερεμέτη, Λ.,** Καμέας, Α. (2015). Αξιολόγηση Οντολογιών και Αλγορίθμων Ταιριάσματος και Ευθυγράμμισης Οντολογιών. Τεχνική αναφορά. Thales Project BIOMEDMNE – Εξόρυξη Βιοιατρικών Δεδομένων και Εικόνων: Ανάπτυξη Αλγορίθμων και Εφαρμογές.

Research associate at project FRAGMEX (Fragmentation and Exclusion: Understanding and Overcoming the multiple Impacts of the European Crisis), Hellenic Open University & Hellenic Foundation for European and Foreign Policy), **2013 -2015**, with deliverables:

1. Zafeiropoulou, M., Kameas, A., Theodosiou, A., **Seremeti, L.**, Marini, I., Stefanis, V. (2015). Theoretical Regulation-Proximity Model, Deliverable R-2015-10, Project FragMex.

2. Kameas, A., Zafeiropoulou, M., Theodosiou, A., Marini, I., **Seremeti, L.**, Stefanis, V. (2015). Mapping Case Studies into the Model Regulation-Proximity Model, D3-3, Project FragMex.
3. Kameas, A., Stefanis, V., Marini, I., **Seremeti, L.**, (2015). Project's Website, D3-4, Project FragMex.
4. Kameas, A., Stefanis, V., Marini, I., **Seremeti, L.**, Theodosiou, A., Peeva, R., Christodoulopoulou, A. (2015). Social Networking Electronic Platform, D3-5, Project FragMex.
5. **Seremeti, L.**, Kameas, A., Zafeiropoulou, M., Theodosiou, A., Marini, I., Stefanis, V. (2015). Taxonomy of terms related to Fragmentation and Exclusion, D3-2, Project FragMex.

4. Publications

4.1 Publications in peer-reviewed scientific international journals

IJ1. Masouras, A., Anastasiadou, S., **Seremeti, L.,** Michailidis, G. (**2026**). Legal engineering, entrepreneurship, and marketing: Strategic pillars for enhancing private higher education in Cyprus. Cyprus Review, 38(2), 179-194.

IJ2. Papalexandris, S., Fotiadis, T., **Seremeti, L**., Folinas, D., Anastasiadou, SD. (**2026**). Proportionality in healthcare governance: A conceptual review. *Cureus*, 18(1). https://doi.org/10.7759/cureus.100577

IJ3. Kougia, N., **Seremeti, L**., Kougias, I. (**2025**). Recent advances in the Greek special education system: A critical review. *International Journal of Changes in Education*. https://doi.org/10.47852/bonviewIJCE52026114

IJ4. Seremeti, L., Anastasiadou, A., Masouras, A., Papalexandris, S. (**2025**). Addressing the challenges of harmonizing law and artificial intelligence technology in modern society. *IAES International Journal of Artificial Intelligence*, 14(3), 2471-2478. https://doi.org/10.11591/ijai.v14.i3.pp2471-2478

IJ5. Papalexandris, S., Fotiadis, T., **Seremeti, L**., Folinas, D., Anastasiadou, SD. (**2025**). Healthcare decision-making ecosystem deengineering. *Cureus*, 17(11). https://doi.org/10.7759/cureus.97719

IJ6. Seremeti, L., Patropoulos, A., Karachristos, C., Pantermali, M., Papantoni, I., Dragogiannis, K. (2024). Why to regulate AI? The impact of AI on legality and

regularity. *International Journal of Educational Innovation*, 6(3), 5-15. https://doi.org/10.69685/MCRY4168

IJ7. Seremeti, L., Kougias, I. (**2021**)**.** The legalhood of artificial intelligence: AI applications as energy services. *Journal of Artificial Intelligence and Systems*, 3, 83-92. https://doi.org/10.33969/AIS.2021.31006

IJ8. Seremeti, L., Kougias, I. (**2021**)**.** Category theory as interpretation law model in artificial intelligence era. *Journal of Artificial Intelligence and Systems*, 3, 35-47. https://doi.org/10.33969/AIS.2021.31003

IJ9. Assaridis, I., **Seremeti, L**., Kougias, I. (**2019**). Entropoiesis: Another general principle governing systems. *World Futures: The Journal of New Paradigm Research*, 75(5-6), 365-375. https://www.tandfonline.com/doi/abs/10.1080/02604027.2019.1621143

IJ10. Kougias, I., **Seremeti, L.**, Kalogeras, D. (**2018**). Learning: A tool for competitive, sustainable and secure entrepreneurial activity. *Central European Review of Economics and Finance*, 23(1), 51-57. http://cejsh.icm.edu.pl/cejsh/element/bwmeta1.element.cjsh-element-000171509221

IJ11. Kougias, I., **Seremeti, L.**, Kalogeras, D. (**2016**). An innovative resilient strategy towards creatively teachning mathematics. *International Journal for Talent Development and Creativity*, 4(2), 155-163. http://icieworld.net/newicie/images/ijdcpdf/IJTDC-412-December-2016-Web.pdf

IJ12. Seremeti, L., Kameas, A. (**2014**). Composable relations induced in networks of aligned ontologies: A category theoretic approach. *Axiomathes*, 1-27. https://link.springer.com/article/10.1007/s10516-014-9242-y

IJ13. Seremeti, L., Kougias, I. (**2013**). Networks of aligned ontologies through a category theoretic approach. *Journal of Emerging Trends in Computing and Information Science*, 4(10), 785-794. http://cisjournal.org/journalofcomputing/Download_Oct_13_pdf_8.aspx

IJ14. Poli, R., Kameas, A., **Seremeti, L**. (**2013**). Trends in managing multimedia semantics. *International Journal of Wireless Networks and Broadband Technologies,* 3(2). https://www.irma-international.org/chapter/trends-in-managing-multimedia-semantics/189549/

IJ15. Seremeti, L., Kougias, I. (**2013**). Yoneda philosophy in engineering. *International Journal of Engineering Mathematics*, 2013, art. ID 758729, Hindawi

Publishing. https://search.emarefa.net/detail/BIM-496460/yoneda-philosophy-in-engineering/1

IJ16. Seremeti, L., Kougias, I. (**2013**). A category theoretic approach in changing networks of semantics. *Journal of Mathematical and Computational Science*, 3(3), 764-787. http://scik.org/index.php/jmcs/article/view/991

IJ17. Kougias, I., **Seremeti, L.**, Kalogeras, D. (**2013**). Mobility of eastern European citizens: Training and development. *European Journal of Training and Development*, 37(8), 766-778. https://www.emerald.com/insight/content/doi/10.1108/EJTD-03-2013-0033/full/html

IJ18. Seremeti, L., Kougias, I. (**2013**). Computations of ontology resemblance coefficients for improving semantic interoperability. Engineering Mathematics Letters, 2(1), 1-19. http://scik.org/index.php/eml/article/view/757

IJ19. Hangras, H., Wagner, C., Kameas, A., Goumopoulos, C., Meliones, A., **Seremeti, L**., Bellik, Y., Pruvost, G., Heinroth, T., Minker, W. (**2012**). Symbiotic ecologies in next generation ambient intelligent environments. *International Journal of Next-Generation on Computing*, 3(1), 52-86. http://perpetualinnovation.net/ojs/index.php/ijngc/article/view/138

IJ20. Kougias, I., **Seremeti, L.**, Kalogeras, D. (**2012**). Ontology-based knowledge management in NGEEs. *International Journal of Pure and Applied Sciences and Technology*, 2(1), 54-62. http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.419.4089&rep=rep1&type=pdf

IJ21. Heinroth, T., Kameas, A., Pruvost, G., **Seremeti, L**., Minker, W. (**2011**). Human-computer interaction in next generation ambient intelligent environments. *Intelligent Decision Technologies – Special Issue on Knowledge-based Environments and Services in HCI*, 5(1), 31-46. https://content.iospress.com/articles/intelligent-decision-technologies/idt00096

IJ22. Seremeti, L., Goumopoulos, C., Kameas, A. (**2009**). Ontology-based modeling of dynamic ubiquitous computing applications as evolving spheres. Journal of Pervasive and Mobile Computing, 5(5), 574-591. https://www.sciencedirect.com/science/article/abs/pii/S1574119209000480

4.2 Publications in peer-review international conferences

IC1. Kalogera, C., **Seremeti, L**. (**2026**). Integrating ESG principles in K-12 schools: A case study of a primary school sustainable-oriented activity. *Proceedings of Artificial Intelligence in Education, Culture and Society: Interdisciplinary Perspectives, Ethical Challenges and Social Responsibility*.

IC2. Tsipas, N., **Seremeti, L**. (**2026**). Business intelligence in education: Opportunities and challenges. *Proceedings of Artificial Intelligence in Education, Culture and Society: Interdisciplinary Perspectives, Ethical Challenges and Social Responsibility*.

IC3. Poulou, V., **Seremeti, L**. (**2026**). Introducing students to prompt engineering. *Proceedings of Artificial Intelligence in Education, Culture and Society: Interdisciplinary Perspectives, Ethical Challenges and Social Responsibility*.

IC4. Kougia, N., **Seremeti, L.** (**2026**). The semantics of educational data analytics. *Proceedings of Artificial Intelligence in Education, Culture and Society: Interdisciplinary Perspectives, Ethical Challenges and Social Responsibility*.

IC5. Kalogera, C., Kougia, N., **Seremeti, L.** (**2026**). Systems theory and esg strategy in education for advancing sdgs. *INTED2026 Proceedings*, Art. 0562. https://doi.org/10.21125/inted.2026.0562

IC6. Kougia, N., Kalogera, C., **Seremeti, L.** (**2026**). Educational data mining and its impact on special education. *INTED2026 Proceedings*, Art. 0560. https://doi.org/10.21125/inted.2026.0560

IC7. Kougia, N., Kalogera, C., **Seremeti, L.** (**2026**). Bridging educational gaps in peripheral education. *EDULEARN26 Proceedings*, Art. 0795. https://doi.org.10.21125/edulearn.2026.0795

IC8. Kalogera, C., Kougia, N., **Seremeti, L.** (**2026**). Navigating the use of ESG in sustainable schools. *EDULEARN26 Proceedings*, Art. 0797. https://doi.org/10.21125/edulearn.2026.0797

IC9. Seremeti, L., Tsakiridou, H., Anastasiadou, S. (**2026**). Rethinking research methodology school education in the GenAI era. Proceedings of the 17th International Conference on e-Learning.

IC10. Poulou, V., Seremeti, L. (2026). GenAI governance policies in education. *Proceedings of the International Conference on Education, Research & Development*, Burgas, Bulgaria.

IC11. Kalogera, C., **Seremeti, L.** (**2025**). Harnessing business intelligence and artificial intelligence for the future of education. *Proceedings of the International Conference on Education, Research & Development*, Burgas, Bulgaria.

IC12. Seremeti, L., Anastasiadou, S. (**2025**). The transformative impact of artificial intelligence (AI) on strategic decision-making. In Kavoura, A., Briciou, CA., Briciu, A. (eds) *Strategic Innovative Marketing and Tourism. ICSIMAT2024. Springer Proceedings in Business and Economics*. Springer, Cham, 427-435. https://doi.org/10.1007/978-3-031-81962-9_47

IC13. Anastasiadou, S., **Seremeti, L.**, Kalogera, C., Papalexandris, S. (**2025**). Convergence of artificial intelligence, ontologies, and qualia in e-learning redesign. *Proceedings of the 16th International Conference on e-Learning 2025*, 193-204.

IC14. Kontis, S., **Seremeti, L.**, Anastasiadou, S. (**2025**). Augmented pedagogy in special education: Integrating AI, robotics, and adaptive technologies for inclusive learning. *Proceedings of the 16th International Conference on e-Learning 2025*, 139-147.

IC15. Pantermali, M., Karachristos, C., Patropoulos, A., Antoniou, C., Diamantopoulos, M., **Seremeti, L.** (**2025**). Interdisciplinary integration of agronomy and artificial intelligence in special vocational education: A project-based learning approach. *Artificial Intelligence and Innovation in Education: Ethical and Technological Dimensions Proceedings*. https://doi.org/10.26234/heal.ihu.306

IC16. Seremeti, L., Patropoulos, A., Karachristos, C., Pantermali, M., Kougia, N. (**2024**). Eploring the intersection of artificial intelligence and special education. *Proceedings of the 15th International Conference on e-Learning 2024*, Belgrade, Serbia.

IC17. Seremeti, L., Kougias, I. (**2020**). Legal issues within ambient intelligence environments. *Proceedings of the 1oth International Conference on Information, Intelligence Systems and Applications*, Patras, Greece. https://ieeexplore.ieee.org/document/8900748

IC18. Kougias, I., **Seremeti, L.**, Kalogeras, D. (**2016**). Promoting inclusion in higher education by adopting the theoretical framework of autopoiesis. *Proceedings of the 11th Management of Innovative Business, Education & Support Systems Conference*, pp. 264-272, Heraklion, Crete, Greece. http://mibes.teilar.gr/proceedings/2016/Kougias-Seremeti-Kalogeras.pdf

IC19. Seremeti, L., Aggelopoulou, N., Pierrakeas, C., Kameas, A. (**2015**). Binary relations in educational ontologies. *Proceedings of the 2015 Balkan Conference on Informatics: Advances in ICT*, pp. 45-50. http://ceur-ws.org/Vol-1427/paper7.pdf

IC20. Kougias, I., **Seremeti, L**., Kalogeras, D. (**2015**). Occurrent vs continuant business enterprise: An ontological approach. *Proceedings of the 4th International Conference on Quantitative and Qualitative Methodologies in the Economic and Administrative Sciences*, pp. 209-215, Athens, Greece. http://econferences.teiath.gr/index.php/ICQQMEAS/ICQQMEAS2015/paper/viewFile/127/1_23

IC21. Kougias, I., **Seremeti, L**., Kalogeras, D. (**2014**). Topological adjacency in properties applied in ontology alignment. *Proceedings of the 2014 International Conference on Topology and its Applications*, ISBN: 978-618-80609-1-3, pp. 106-114, Greece.

IC22. Kougias, I., **Seremeti, L**., Kalogeras, D. (**2014**). The role of topology in knowledge representation. *Proceedings of the 2014 International Conference on Topology and its Applications*, ISBN: 978-618-80609-1-3, pp. 117-122, Greece.

IC23. Seremeti, L., Kameas, A. (**2014**). Biomedical engineering through ontologies. *Proceedings of the International Conference on Knowledge Engineering and Ontology Development*, pp. 240-247, Rome, Italy. http://www.scitepress.org/DigitalLibrary/Link.aspx?doi=10.5220/0005073802400247

IC24. Seremeti, L., Kameas, A. (**2014**). Challenges and directions for knowledge management in networks of aligned ontologies. *Proceedings of the International Conference on Knowledge Managemeent and Information Sharing*, pp. 146-152, Rome, Italy. http://www.scitepress.org/papers/2014/50444/pdf/index.html

IC25. Kougias, I., **Seremeti, L**., Kalogeras, D. (**2013**). Entrepreneurship environments as living systems: An autopoietic approach. *Proceedings of the 1st International Conference on Applied Innovation*, ISSN ON LINE 2241-6862, pp. 7-14, Arta, Greece.

IC26. Kougias, I., **Seremeti, L**., Kalogeras, D. (**2012**). Building blocks of innovation and entrepreneurship education. *Proceedings of Excellence in Education: Theory – Research – Practice*, Jerusalem.

IC27. Kougias, I., **Seremeti, L**., Kalogeras, D. (**2012**). Information flow among dynamic and distributed educational environments: A formal framework.

Proceedings of Innovative Approaches in Education Design and Networking Conference, pp. 165-172, Patras, Greece.

IC28. Kougias, I., **Seremeti, L.**, Kalogeras, D. (**2011**). An educational environment as a living system: Ways of handling the dysfunctions. *Proceedings of Excellence in Education: Giftedness, Creativity, Development,* Instabul, Turkey.

IC29. Kougias, I., **Seremeti, L.**, Kalogeras, D. (**2011**). Knowledge economy in next generation enterprise environments. *Proceedings of the 4th International Conference on Entrepreneurship in the Global Environment: New Challenges in the Post-Crisis Era*, pp. 33-41, Preveza, Greece. http://cris.teiep.gr/jspui/handle/123456789/1481?locale=el

IC30. Panagiotopoulos, I., **Seremeti, L.,** Kameas, A. (**2011**). A policy enforcement framework for ubiquitous computing applications. *Proceedings of the 5th FTRA International Conference on Multimedia and Ubiquitous Engineering*, pp. 1-5, Crete, Greece. https://ieeexplore.ieee.org/document/5992183

IC31. Panagiotopoulos, I., **Seremeti, L.,** Kameas, A. (**2011**). An alignable user profile ontology for ambient intelligence environments. *Proceedings of the 7th International Conference on Intelligent Environments*, pp. 270-276, Nottingham, United Kingdom. https://ieeexplore.ieee.org/document/6063396

IC32. Kougias, I., **Seremeti, L.**, Kalogeras, D. (**2010**). Topological properties applied in ontology engineering. *Proceedings of the International Conference on Topology and its Applications*, ISBN: 978-960-86811-5-6, pp. 102-106, Greece.

IC33. Kougias, I., **Seremeti, L.**, Kalogeras, D., Polyzos, G., Triantafillou, V. (**2010**). Teaching and learning of mathematics: An autopoietic approach. *Proceedings of Excellence in Education: Future Minds and Creativity*, pp. 362-375, Athens, Greece.

IC34. Panagiotopoulos, I., **Seremeti, L.**, Kameas, A., Zorkadis, V. (**2010**). PROACT: An ontology-based model of privacy policies in ambient intelligence environments. *Proceedings of the 14th Panellenic Conference on Informatics*, pp. 124-129. https://ieeexplore.ieee.org/document/5600452

IC35. Kougias, I., **Seremeti, L.**, Polyzos, G., Kalogeras, D., Triantafillou, V. (**2009**). Web-based applications in enhancing the dual hypostasis of mathematics educational process. *Proceedings of Excellence in Education: Future Minds and Creativity*, pp. 81-91, Ulm, Germany.

IC36. Pruvost, G., Kameas, A., Heinroth, T., **Seremeti, L.**, Minker, W. (**2009**). Combining agents and ontologies to support task-centred interoperability in ambient intelligent environments. *Proceedings of the 9th International Conference on Intelligent Systes Design and Applications*, pp. 55-60, Washington DC, USA. https://ieeexplore.ieee.org/document/5362873

IC37. Seremeti, L., Kameas, A. (**2009**). Ontology-based reuse in ubiquitous computing systems. *Proceedings of the 3rd International Workshop on Design and Integration Principles for Smart Objects in conjunction with the 11th International Conference on Ubiquitous Computing*, Orlando, Florida, USA.

IC38. Seremeti, L., Kameas, A. (**2009**). A task-based ontology engineering approach for novice ontology developers. *Proceedings of the 4th Balkan Conference in Informatics*, pp. 85-89, Thessaloniki, Greece. https://ieeexplore.ieee.org/document/5359329

IC39. Seremeti, L., Kameas, A. (**2008**). Ontology-based representation of activity spheres in ubiquitous computing spaces. *Proceedings of the International Conference on Systems, Computing Sciences and Software Engineering*. https://link.springer.com/chapter/10.1007/978-90-481-3658-2_77

IC40. Seremeti, L., Kameas, A. (**2008**). Using ontologies to frame software project knowledge. *Proceedings of the 4th Scientific Conference on Project Management*, Chios, Greece.

IC41. Seremeti, L., Kameas, A. (**2008**). Ontology-based high level task composition in ubiquitous computing applications. *Proceedings of the 4th International Conference on Intelligent Environments*, pp. 1-5, Seattle, USA. https://ieeexplore.ieee.org/document/4629830

IC42. Seremeti, L., Kameas, A. (**2008**). Multimedia ontologies. Proceedings of the ACM 3rd International Mobile Multimedia Communications Conference, pp. 1-7, Greece. https://dl.acm.org/doi/10.5555/1385289.1385372

4.3 Publications in peer-review national conferences

NC1. Κούγια, Ν., Καραχρήστος, Χ., **Σερεμέτη, Λ.**, Αναστασιάδου Σ. (**2026**). Διασφάλιση ποιότητας και συμπεριληπτική εκπαίδευση: Διερεύνηση αντιλήψεων των εκπαιδευτικών μέσω παραγοντικής ανάλυσης αντιστοιχιών. 13ο Πανελλήνιο Συνέδριο Ανάλυσης Δεδομένων με Διεθνή Συμμετοχή, Θεσσαλονίκη.

NC2. Καραχρήστος, Χ., Κούγια, Ν., **Σερεμέτη, Λ**., Παπαλεξανδρής, Σ., Αναστασιάδου, Σ. (**2026**). Από τη φωνή των φοιτητών στη συνεχή βελτίωση: Εφαρμογή του DMAIC Inventory μέσω παραγοντικής ανάλυσης αντιστοιχιών στην ανώτατη εκπαίδευση. 13ο Πανελλήνιο Συνέδριο Ανάλυσης Δεδομένων με Διεθνή Συμμετοχή, Θεσσαλονίκη.

NC3. Παντερμαλή, Μ., Καραχρήστος, Χ., Αντωνίου, Χ., Πατρόπουλος, Α., Διαμαντόπουλος, Μ., **Σερεμέτη, Λ**. (**2025**). Διαθεματική προσέγγιση γνωστικού αντικειμένου του τομέα γεωπονίας με χρήση τεχνητής νοημοσύνης στην ειδική αγωγή και εκπαίδευση. AI-Education 2025 Conference.

NC4. Παντερμαλή, Μ., **Σερεμέτη, Λ**., Καραχρήστος, Χ., Διαμαντόπουλος, Μ., Δραγογιάννης, Κ., Πατρόπουλος, Α. (**2024**). Η ενσωμάτωση της τεχνητής νοημοσύνης στην ειδική αγωγή. 2ο Διεθνές Επιστημονικό Συνέδριο: Η Εκπαίδευση στην Εποχή της Τεχνητής Νοημοσύνης, Άρτα.

NC5. Σερεμέτη, Λ., Παντερμαλή, Μ., Καραχρήστος, Χ., Πατρόπουλος, Α. (**2024**). Στρατηγική βιώσιμης συμπεριφοράς: Η περίπτωση ενός εκπαιδευτικού ιδρύματος ειδικής αγωγής. Διεθνές Επιστημονικό Συνέδριο «Εκπαίδευση, Διδασκαλία και Δια Βίου Μάθηση στον 21ο αιώνα: Προκλήσεις και Προοπτικές», Ιωάννινα, 504-511.

NC6. Σερεμέτη, Λ., Παντερμαλή, Μ., Καραχρήστος, Χ., Διαμαντόπουλος, Μ., Κωνσταντίνου, Γ., Πατρόπουλος, Α. (**2024**). Η ενεργός πολιτειότητα στην ειδική αγωγή: Το παράδειγμα της ecolution μαθητικής επιχείρησης. 2ο Διεθνές Επιστημονικό Συνέδριο «Οι 17 Στόχοι Βιώσιμης Ανάπτυξης στην Εκπαίδευση» Διδασκαλία, Δια Βίου Μάθηση, Συμπερίληψη και Καινοτομία για την Πράσινη και Ψηφιακή Μετάβαση, Καστοριά.

NC7. Σερεμέτη, Λ., Πατρόπουλος, Α., Καραχρήστος, Χ., Παντερμαλή, Μ., Κούγια, Ν., Παπαντώνη, Η., Δραγογιάννης, Κ. (**2024**). Διερεύνηση της λειτουργικής συνοχής της τεχνητής νοημοσύνης και της ειδικής αγωγής. 1ο Επιστημονικό Συνέδριο: Η Τεχνητή Νοημοσύνη στην Εκπαίδευση, Θεσσαλονίκη.

NC8. Παντερμαλή, Μ., **Σερεμέτη, Λ**., Πατρόπουλος, Α., Καραχρήστος, Χ., Δραγογιάννης, Κ. (**2024**). MAIL – Μαθηματικά, τεχνητή νοημοσύνη, δίκαιο – ένα «όπλο γνώσης» για μελλοντικούς πολίτες. 10ο Διεθνές Συνέδριο για την Προώθηση της Εκπαιδευτικής Καινοτομίας.

NC9. Καλογεράς, Δ., Δραγογιάννης, Κ. **Σερεμέτη, Λ**. (**2014**). Εκπαιδευτικό σενάριο στα μαθηματικά: «Περιστρέφοντας τα τετράγωνα». Πρακτικά

Πανελληνίου Συνεδρίου « Η Εκπαίδευση στην Εποχή των ΤΠΕ». ISBN: 978-960-99435-6-7, 454-462, Αθήνα.

NC10. Καλογεράς, Δ., Δραγογιάννης, Κ. **Σερεμέτη, Λ**. (**2014**). Πρόγραμμα επιμόρφωσης εκπαιδευτικών: Αξιολόγηση του μαθητή στο σύγχρονο σχολείο. Πρακτικά 5ου Διεθνός Συνεδρίου για την Εκπαιδευτική Πολιτική, Αθήνα.

4.4 Book chapters

CV1. Seremeti, L., Anastasiadou, S., Anastasiadis, L. (**2027**). Legal ontologies as semantic infrastructure for normative governance. In: Moraiti, A., Anastasiadis, L., Seremeti, L., Anastasiadou, S. (eds) *AI, Democracy, and the Transformation of Legal Norms*. IGI Global Scientific Publishing, pp. 275-284. https://doi.org/10.4018/99-8-3373-9164-9.ch009

CV2. Seremeti, L., Komodromos, M., Anastasiadis, L. (**2027**). Semantic governance for quality assurance in higher education. In: Anastasiadou, S., Seremeti, L. (eds) *Harnessing Digital Platforms for Quality Assurance and Monitoring in Higher Education*. IGI Global Scientific Publishing, pp. 221-234. https://doi.org/10.4018/979-8-3373-7529-8.ch008

CV3. Anastasiadou, S., **Seremeti, L**. (**2027**). The “legitimate interest trap” in the era of artificial intelligence. In: Moraiti, A., Anastasiadis, L., Seremeti, L., Anastasiadou, S. (eds) *AI, Democracy, and the Transformation of Legal Norms*. IGI Global Scientific Publishing, pp. 339-348. https://doi.org/10.4018/979-8-3373-9164-9.ch012

CV4. Seremeti, L., Anastasiadis, L. (**2026**). AI qualia engineering through the Yoneda lemma. In: Seremeti, L., Anastasiadou, S. (eds) *Philosophical Considerations of Computational Consciousness and AI Qualia*. IGI Global Scientific Publishing, pp. 285-294. https://doi.org/10.4018/979-8-3373-5530-6.ch009

CV5. Komodromos, M., Anastasiadou, S., **Seremeti, L.** (**2026**). Transforming corporate sustainability: Integrating advanced analytics and business intelligence into ESG strategy implementation. In: Komodromos, M., Seremeti, L., Anastasiadis, L., Liargovas, P., Anastasiadou, S. (eds) *Data-driven ESG Strategy Implementation Through Business Intelligence*. IGI Global Scientific Publishing, pp. 1-36. https://doi.org/10.4018/979-8-3373-5142-1.ch001

CV6. Seremeti, L. (**2026**). Ontological synergies in AI-enabled life sciences. In: Anastasiadou, S., Seremeti, L. (eds) Bioethics and Legal Aspects of AI in Healthcare and Life Sciences, pp. 297-310. https://doi.org/10.4018/979-8-3373-5646-4.ch013

CV7. Seremeti, L., Anastasiadis, L., Komodromos, M. (**2026**). ESG strategy and business intelligence semantic network. In: Komodromos, M., Seremeti, L., Anastasiadis, L., Liargovas, P., Anastasiadou, S. (eds) *Data-driven ESG Strategy Implementation Through Business Intelligence*. IGI Global Scientific Publishing, pp. 37-48. https://doi.org/10.4018/979-8-3373-5142-1.ch002

CV8. Kontis, S., **Seremeti, L.** (**2026**). AI for ESG compliance in education: Exploring bioethical tensions and institutional responsibilities in data-driven pedagogy. In: Komodromos, M., Seremeti, L., Anastasiadis, L., Liargovas, P., Anastasiadou, S. (eds) *Data-driven ESG Strategy Implementation Through Business Intelligence*. IGI Global Scientific Publishing, pp. 355-386. https://doi.org/10.4018/979-8-3373-5142-1.ch013

CV9. Karachristos, C., **Seremeti, L**., Anastasiadou, S. (**2026**). Exploring student attitudes towards artificial intelligence. In: Anastasiadou, S., Chadjipadelis, T., Koutsoupias, N., Markos, A., Menexes, G. (eds) *Advanced Data Analysis Techniques: Theory and Applications*. IGI Global Publishing, pp. 199-216. https://doi.org/10.4018/979-8-3373-6926-6.ch008

CV10. Kalogera, C., **Seremeti, L.** (**2025**). Enhancing statistical thinking through ML-driven clustering algorithms for group-based learning. In: Anastasiadou, S., Seremeti, L. (eds) *Modes of Representation in Developing Statistical Thinking in Education*. IGI Global Publishing, pp. 1-14. https://doi.org/10.4018/979-8-3693-9934-7.ch001

CV11. Kalogera, C., **Seremeti, L**., Kontis, S., Anastasiadou, S. (**2025**). The digital DNA of modern workforce. In: Anastasiadou, S., Seremeti, L. (eds) *Harnessing Digital Platforms for Quality Assurance and Monitoring in Higher Education*. IGI Global Scientific Publishing, pp. 379-390 https://doi.org/10.4018/979-8-3373-1942-1.ch015

CV12. Seremeti, L., Anastasiadis, L., Kalogera, C., Kontis, S. (**2025**). Qualia and business intelligence for organizational excellence. In: Anastasiadou, S., Seremeti, L. (eds) *Harnessing Digital Platforms for Quality Assurance and*

Monitoring in Higher Education. IGI Global Scientific Publishing, pp. 265-274. https://doi.org/10.4018/979-8-3373-1942-1.ch010

CV13. Seremeti, L. (**2025**). AI legislationship: Navigating unclear commitments in AI governance. In: Anastasiadou, S., Seremeti, L., Masouras, A., Anastasiadis, L. (eds) *Modern Perspectives on Artificial Intelligence and Law*. IGI Global Scientific Publishing, pp. 27-36. https://doi.org/10.4018/979-8-3693-9576-9.ch002

CV14. Seremeti, L., Anastasiadou, S. (2025). Dealing with semantic inconsistencies in AI governance. In: Anastasiadou, S., Seremeti, L., Masouras, A., Anastasiadis, L. (eds) *Modern Perspectives on Artificial Intelligence and Law*. IGI Global Scientific Publishing, pp. 125-134. https://doi.org/10.4018/979-8-3693-9576-9.ch007

CV15. Anastasiadou, S., **Seremeti, L**. (**2025**). Autopoietic co-evolution of AI and law. In: Anastasiadou, S., Seremeti, L., Masouras, A., Anastasiadis, L. (eds) *Modern Perspectives on Artificial Intelligence and Law*. IGI Global Scientific Publishing, pp. 81-88. https://doi.org/10.4018/979-8-3693-9576-9.ch005

CV16. Seremeti, L. (**2025**). The impact of AI on legality and regularity: Navigating societal transformations. In: Anastasiadou, S., Seremeti, L., Masouras, A., Anastasiadis, L. (eds) *Modern Perspectives on Artificial Intelligence and Law*. IGI Global Scientific Publishing, pp. 243-258. https://doi.org/10.4018/979-8-3693-9576-9.ch012

CV17. Kontis, S., Anastasiadou, S., Anastasiadis, L., **Seremeti, L**. (**2025**). Legal entropy in AI governance. In: Anastasiadou, S., Seremeti, L., Masouras, A., Anastasiadis, L. (eds) *Modern Perspectives on Artificial Intelligence and Law*. IGI Global Scientific Publishing, pp. 193-206. https://doi.org/10.4018/979-8-3693-9576-9.ch010

CV18. Seremeti, L. (**2025**). The status quo of AI governance: Global approaches and challenges. In: Anastasiadou, S., Seremeti, L., Masouras, A., Anastasiadis, L. (eds) *Modern Perspectives on Artificial Intelligence and Law*. IGI Global Scientific Publishing, pp. 259-268. https://doi.org/10.4018/979-8-3693-9576-9.ch013

CV19. Seremeti, L. Anastasiadis, L. (2025). The semantics of statistics. In: Anastasiadou, S., Seremeti, L. (eds) *Modes of Representation in Developing*

Statistical Thinking in Education. IGI Global Scientific Publishing, pp. 173-180. https://doi.org/10.4018/979-8-3693-9934-7.ch009

CV20. Seremeti, L. Anastasiadis, L. (**2025**). Integrating AI into statistical education: New modes of representation for developing statistical thinking. In: Anastasiadou, S., Seremeti, L. (eds) *Modes of Representation in Developing Statistical Thinking in Education*. IGI Global Scientific Publishing, pp. 15-22. https://doi.org/10.4018/979-8-3693-9934-7.ch002

CV21. Anastasiadou, S., Zirinoglou, P., **Seremeti, L.**, Masouras, A., Komodromos, M., Anastasiadis, L. (**2025**). Statistical implicative analysis: A distinguished statistical methodology in evaluating Greek students' attitudes toward the use of AI. In: Masouras, A., Anastasiadou, S., Constantelou, A., Apostolopoulos, S. (eds) *Real-World Tools and Scenarios for Entrepreneurship Exploration*. IGI Global Scientific Publishing, pp. 133-168. https://doi.org/10.4018/979-8-3693-3100-2.ch006

CV22. Taraza, E., Anastasiadou, S., **Seremeti, L.,** Masouras, A. (**2024**). Environmental, social, and governance of businesses and organizations and the role of human resources. In: Papademetriou, C., Anastasiadou, S., Ragazou, K., Garefalakis, A., Papalexandris, S. (eds) *ESG and Total Quality Management in Human Resources*. IGI Global Scientific Publishing, pp. 116-132. https://doi.org/10.4018/979-8-3693-2991-7.ch006

CV23. Seremeti, L., Anastasiadis, L., Anastasiadou, S. (**2024**). The role of data in environmental, social, and governance strategy. In: Papademetriou, C., Anastasiadou, S., Ragazou, K., Garefalakis, A., Papalexandris, S. (eds) *ESG and Total Quality Management in Human Resources*. IGI Global Scientific Publishing, pp. 201-218. https://doi.org/10.4018/979-8-3693-2991-7.ch010

CV24. Seremeti, L. Kameas, A. (**2011**). Ontology-based Knowledge Management in NGAIEs. In: Heinroth, T., Minker, W. (eds) *Next Generation Intelligent Environments: Ambient Adaptive Systems*. *Springer*, pp. 85-126. https://link.springer.com/chapter/10.1007/978-3-319-23452-6_3

CV25. Seremeti, L. Kameas, A. (**2011**). Tools for Ontology Engineering and Management. In: Poli, R., Kameas, A. (eds) *Theory and Applications of Ontology: Computer Applications*. Springer, pp. 131-154. https://link.springer.com/chapter/10.1007/978-90-481-8847-5_6

CV26. Seremeti, L. Kameas, A. (**2010**). Ontology-based Representation of Activity Spheres in Ubiquitous Computing Spaces. In: Sobh, T. (eds) *Innovations and Advances in Computer Sciences and Engineering*. Springer, pp. 439-444. https://link.springer.com/chapter/10.1007/978-90-481-3658-2_77

CV27. Poli, R., Kameas, A., Seremeti, L. (**2008**). Ontology and Multimedia. In: Pagani, M. (eds) *Encyclopedia of Multimedia Technology and Networking*, Second Edition, Hershey, New York, pp. 1093-1099. https://www.irma-international.org/chapter/ontology-multimedia/17522/

5. Citation index

5.1. Scopus

https://www.scopus.com/authid/detail.uri?authorId=26639844400

Seremeti Lambrini, h-index=10, Total citations=258

5.2. Google Scholar

https://scholar.google.com/citations?user=&user=QKNgtakAAAAJ

Seremeti Lambrini, h-index=12, Total citations=645, i10 index=17