

Curriculum vitae **Autilia Vitiello**

Current Position

- *Assistant Professor* at the Department of Physics “Ettore Pancini”, University of Naples Federico II, from 20th December 2018.

Past Positions

- *Research Fellow* at the Department of Computer Science, University of Salerno, from 1st March 2016 to 18th December 2018.
- *Research Fellow* at the Department of Computer Science, University of Salerno, from 1st July 2013 to 30th June 2015.
- *Visiting student* at the School of Industrial Engineering, Eindhoven University of Technology, Eindhoven (The Netherlands), from 2nd September to 30th November 2012.

Education

- *Ph.D. in Computer Science* at the University of Salerno, by discussing a thesis entitled “*Memetic Algorithms for Ontology Alignment*” on 15th April 2013.
- *M.Sc. Laurea cum Laude in Computer Science* received by the University of Salerno, by discussing a thesis entitled “*Time Sensitive Fuzzy Agents:Modello formale ed implementazione*” on 16th July 2009.

IEEE Committees

- *Chair*, IEEE P2976 Working Group of Standard for XAI – eXplainable Artificial Intelligence - for Achieving Clarity and Interoperability of AI Systems Design (from May 2021)
- *Member*, IEEE Computational Intelligence Society Nominations Committee (2020)
- *Vice-Chair*, IEEE Computational Intelligence Society Standards Committee (from January 2020)
- *Chair*, IEEE Computational Intelligence Society, Standards Committee (from January 2018 to December 2019)
- *Member*, IEEE Computational Intelligence Society Technical Committee on Fuzzy Systems (from January 2018)
- *Member*, IEEE Computational Intelligence Society Multimedia Committee (2017)
- *Vice-Chair*, IEEE Computational Intelligence Society Standards Committee (from January 2016 to December 2017)
- *Member*, IEEE Standards Association (from January 2016)
- *Chair of the Task force* “*Datasets for Computational Intelligence*”, IEEE Computational Intelligence Society Standards Committee (from January 2015)
- *Member*, IEEE Computational Intelligence Society Standards Committee (2015)
- *Member*, IEEE Standard Association 1855 Working Group for Fuzzy Markup Language (from September 2013)
- *Member*, IEEE Computational Intelligence Society (from January 2010)

Awards and Honors

- *Best paper* at IEEE International Conference on Fuzzy Systems 2021: G. Acampora and A. Vitiello, “Error Mitigation in Quantum Measurement through Fuzzy-C Means Clustering” (2021)
- *IBM Quantum Experience Academic Research Program Award*, (2021)
- *IEEE-SA Working Group Chair Award*, IEEE Standards Association for the role of secretary of the IEEE working group of the Std. 1855™-2016, (2016)
- *IEEE-SA Certificate of Appreciation for the outstanding contribution* to IEEE Std.1855™-2016, IEEE Standards Association (2016)
- *Best paper* at UK Workshop on Computational Intelligence 2012: G. Acampora, U. Kaymak, V. Loia, A. Vitiello, “Hybridizing Genetic Algorithms and Hill Climbing for Similarity Aggregation in Ontology Matching.” (2012)

Editorial Activities

- *Editor* “Computational Intelligence for Semantic Knowledge Management”, Studies in Computational Intelligence, Springer, 2020, with Giovanni Acampora, Witold Pedrycz e Athanasios Vasilakos.
- *Editorial Board Member* of the international journal Scientific Programming (Hindawi)
- *Editorial Board Member* of the international journal Quantum Machine Intelligence (Springer)
- *Editorial Board Member* of the international Journal of Fuzzy Extension & Applications (Ayandegan Institute of Higher Education, Iran)
- *Reviewer* for the following international journals: IEEE Transactions on Fuzzy Systems (IEEE), Memetic Computing (Springer), Applied Soft Computing (Elsevier), Soft Computing (Springer), Pervasive and Mobile Computing (Elsevier), Journal of Ambient Intelligence and Humanized Computing (Springer), Expert Systems With Applications (Elsevier), Scientific Programming (Hindawi), Computers & Operations Research (Elsevier), Helyion (Elsevier), Engineering Science and Technology: an International Journal (Elsevier), International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems (World Scientific), Swarm and Evolutionary Computation (Elsevier), Data Science and Engineering (Springer), Journal of Instrumentation (IOPscience), IEEE Access (IEEE), PLOS ONE (Public Library of Science), Computational Intelligence and Neuroscience (Hindawi), International Journal of Approximate Reasoning (Elsevier), International Journal of Computational Intelligence Systems (ATLANTIS PRESS), Quantum Machine Intelligence (Springer), Multimedia Tools and Applications (Springer), Journal of Data and Information Quality (ACM), IEEE Transactions on Cybernetics (IEEE), International Journal of Intelligent Systems (Wiley), Engineering Reports (Wiley), Automation in Construction (Elsevier), Artificial Intelligence (Elsevier), Algorithms (MDPI).

International Conference Activities

- *Poster Session Chair*: IEEE World Congress On Computational Intelligence 2022 (WCCI 2022)
- *Session Chair* IV20_2.8: Visual Analytics and Data Science (VA4), “Information Visualization 2020”, online, 8 September 2020
- *Chair, Regular Session* “Human Machine Interface” (TuBT10), IEEE International Conference on Systems, Man, and Cybernetics (SMC), online, 13 October 2020

- Chair, Regular Session “Swarm Intelligence 2” (WeBT2) IEEE International Conference on Systems, Man, and Cybernetics (SMC), 14 October 2020
- Co-chair, 12th International Symposium Visual Analytics and Data Science , “Information Visualization 2020”, online, 8-11 September 2020
- Local Arrangement Co-Chair, The 29th IEEE International Conference on Robot & Human Interactive Communication, Naples, Italy, from 31 August to 4 September 2020.
- Co-chair, “Symposium Visual Analytics and Data Science”, 24th International Conference on Information Visualization (IV 2020), Vienna, Austria, 28-31 July 2020.
- Co-chair, Symposium Visual Analytics”, 23rd International Conference on Information Visualization (IV 2019), Paris, France, 2-5 July 2019.
- Finance chair, 2017 IEEE Conference on Fuzzy Systems (Fuzz-IEEE 2017), Naples, Italy.
- Program Committee Member: FUZZ-IEEE 2020, FUZZ-IEEE 2019, FUZZ-IEEE 2018, FUZZ-IEEE 2017, FUZZ-IEEE 2016
- Program Committee Member: RIVF 2020, RIVF 2019, RIVF 2016, RIVF 2015
- Program Committee Member: SMC 2019, SMC 2018, SMC 2017, SMC 2016, SMC 2015, SMC 2014, SMC 2013
- Speaker at FUZZ-IEEE 2020, WIVACE 2018, FUZZ-IEEE 2018, FUZZ-IEEE 2017, GPC 2017, SSCI 2016, SMC 2016, INCOS 2014, FUZZ-IEEE 2011.
- Invited Tutorial Speaker (by Prof. Oscar Cordon), “Software for Fuzzy Computing”, Fuzz-IEEE 2017, Naples, Italy, July 9, 2017.

Summary of Teaching Experience

- Lecturer for the class “Machine learning for Physics”, at the Department of Physics “Ettore Pancini”, University of Naples Federico II (2021)
- *Lecturer* for the class “Computational Intelligence”, at the Department of Physics “Ettore Pancini”, University of Naples Federico II (2020)
- *Lecturer* for the Ph.D. course “Evolutionary Computation and Applications”, Ph.D in Physics, University of Naples Federico II, (2019)
- *Lecturer* for the class “Informatica”, at the Department of Physics “Ettore Pancini”, University of Naples Federico II (2019)
- *Co-Lecturer* for the class “Cibernetica”, at the Department of Physics “Ettore Pancini”, University of Naples Federico II (2019)
- *Lecturer* for the class “Basi di Dati”, at the Department of Computer Science, University of Salerno (2018)
- Several activities as *Teaching Assistant* at the Department of Physics “Ettore Pancini” (University of Naples Federico II) and at the Department of Computer Science (University of Salerno)

Qualifications

Italian National Qualification for acting as Associate professor gained on 11th September 2019.

Publications

Number of articles: 68

Number of journals: 18

Number of conferences: 44

Number of chapter books: 6

1. Giovanni Acampora, Autilia Vitiello, "Implementing evolutionary optimization on actual quantum processors," **Information Sciences**, vol 575, pp. 542-562, 2021.
2. Giovanni Acampora, Vittorio Cataudella, Pratibha Raghupati Hegde, Procolo Lucignano, Gianluca Passarelli, Autilia Vitiello, "Memetic algorithms for mapping p -body interacting systems in effective quantum 2-body Hamiltonians," in **Applied Soft Computing**, vol. 110, 2021.
3. Giovanni Acampora and Autilia Vitiello, "Error Mitigation in Quantum Measurement through Fuzzy C-Means Clustering," 2021 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), 2021, pp. 1-6.
4. Giovanni Acampora, Paolo Anastasio, Michele Risi, Genoveffa Tortora e Autilia Vitiello, "Automatic Event Geo-Location in Twitter," in **IEEE Access**, vol. 8, pp. 128213-128223, 2020.
5. Giovanni Acampora e Autilia Vitiello, "TSSweb: a Web Tool for Training Set Selection," 2020 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), 2020, pp. 1-7.
6. Giovanni Acampora, Roberta Siciliano e Autilia Vitiello, "MIDA: a Web Tool for Missing DATA Imputation based on a Boosted and Incremental Learning Algorithm," 2020 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), 2020, pp. 1-6.
7. Giovanni Acampora, Pasquale Trinchese, Autilia Vitiello, "Classifying EEG Signals in Single-Channel SSVEP-based BCIs through Support Vector Machine," 2020 IEEE International Conference on Systems, Man, and Cybernetics (SMC), 2020, pp. 2305-2310.
8. Giovanni Acampora, Pasquale Trinchese, Autilia Vitiello. "Applying Logistic Regression for Classification in Single-Channel SSVEP-based BCIs." 2019 IEEE International Conference on Systems, Man and Cybernetics (SMC), pp. 33-38, IEEE, 2019.
9. Giovanni Acampora, Jesus Alcalá-Fdez, Roberta Siciliano, José Manuel Soto-Hidalgo, Autilia Vitiello. "VisualJFML: A Visual Environment for Designing Fuzzy Systems according to IEEE Std 1855-2016." 2019 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE). IEEE, 2019.
10. Giovanni Acampora, Vittorio Cataudella, Pratibha Hegde, Procolo Lucignano, Gianluca Passarelli, Autilia Vitiello. "An evolutionary strategy for finding effective quantum 2-body Hamiltonians of p -body interacting systems," **Quantum Machine Intelligence**, 1(3), 113-122, 2019.
11. Vitiello, A., Acampora, G., Soto-Hidalgo, J. M., Martínez Rojas, M., & Corpas, G. (2019). Estudio del paradigma Internet de las Cosas y tecnologías inalámbricas como arquitectura base de captación de datos en las fases de ejecución y mantenimiento de los proyectos de construcción, Universidad de Granada. Departamento de Arquitectura y Tecnología de Computadores.
12. Aljamel, T. Osman, G. Acampora, A. Vitiello and Z. Zhang, "Smart Information Retrieval: Domain Knowledge Centric Optimization Approach," in **IEEE Access**, vol. 7, pp. 4167-4183, 2019.
13. Soto-Hidalgo, J. M., Vitiello, A., Alonso, J. M., Acampora, G., & Alcalá-Fdez, J. (2018). Design of Fuzzy Controllers for Embedded Systems With JFML. *International Journal of Computational Intelligence Systems*, 12(1), 204-214.
14. Acampora, G., Herrera, F., Tortora, G., & Vitiello, A.: "A multi-objective evolutionary approach to training set selection for support vector machine," **Knowledge-Based Systems**, vol. 147, pp. 94-108, 2018.
15. Giovanni Acampora, Pasquale D'Alterio and Autilia Vitiello, "Learning Type-2 Fuzzy Rule-based Systems through Memetic Algorithms," in 2018 IEEE International Conference on Fuzzy Systems, 8-13 July 2018.
16. Giovanni Acampora, Federico Luongo and Autilia Vitiello, "Quantum Implementation of Fuzzy Systems through Grover's Algorithm," in 2018 IEEE International Conference on Fuzzy Systems, 8-13 July 2018.

17. Giovanni Acampora, Mario Luca Bernardi, Marta Cimitile and Autilia Vitiello, "A Fuzzy Logic Clustering Approach to study Malware Phylogeny," in 2018 IEEE International Conference on Fuzzy Systems, 8-13 July 2018.
18. Francisco Jesus Arcos, Jose Manuel Soto-Hidalgo, Autilia Vitiello, Giovanni Acampora and Jesus Alcalá-Fdez, "Interoperability for Embedded Systems in JFML Software: An Arduino-based implementation," in 2018 IEEE International Conference on Fuzzy Systems, 8-13 July 2018.
19. Acampora, G., & Vitiello, A., "Extending IEEE Std 1855 for designing Arduino™-based fuzzy systems," in 2017 IEEE International Conference on Fuzzy Systems, pp. 1-6, 2017.
20. Vitiello, A., Acampora, G., Staffa, M., Siciliano, B., & Rossi, S., "A neuro-fuzzy-Bayesian approach for the adaptive control of robot proxemics behavior," in 2017 IEEE International Conference on Fuzzy Systems, pp. 1-6, 2017.
21. Acampora, G., Bernardi, M. L., Cimitile, M., Tortora, G., & Vitiello, A., "A fuzzy-based autoscaling approach for process centered cloud systems," in 2017 IEEE International Conference on Fuzzy Systems, pp. 1-8, 2017.
22. Vitiello, A., Acampora, G., Cutugno, F., Wagner, P., & Origlia, A., "An adaptive neuro-fuzzy inference system for the qualitative study of perceptual prominence in linguistics," in 2017 IEEE International Conference on Fuzzy Systems, pp. 1-6, 2017.
23. Acampora, G., Di Nuovo, A., Siciliano, B., & Vitiello, A., "A comparison of fuzzy approaches for training a humanoid robotic football player," in 2017 IEEE International Conference on Fuzzy Systems, pp. 1-6, 2017.
24. Acampora, G., Tortora, G., & Vitiello, A., "An Intelligent Framework for Predicting State War Engagement from Territorial Data," in International Conference on Green, Pervasive, and Cloud Computing 2017, pp. 712-721, 2017.
25. Giovanni Acampora, Autilia Vitiello, Bruno Di Stefano, Wil van der Aalst, Christian Gunther, Eric Verbeek, "IEEE 1849: The XES Standard: The Second IEEE Standard Sponsored by IEEE Computational Intelligence Society [Society Briefs]," in **IEEE Computational Intelligence Magazine**, vol. 12, no. 2, pp. 4-8, 2017.
26. Acampora, G., Caruso, D., Vaccaro, A., Vitiello, A. and Zobia , A. F. (2017). The Role of Nature-inspired Metaheuristic Algorithms for Optimal Voltage Regulation in Urban Smart Grids. In *From Smart Grids to Smart Cities*, M. La Scala (Ed.). doi:10.1002/9781119116080.ch3
27. Acampora, G., Alghazzawi, D., Hagrass, H., Vitiello, A.: "An Interval Type-2 Fuzzy Logic Based Framework for Reputation Management in Peer to Peer e-Commerce," **Information Sciences**, vol. 333, pp. 88-107, 2016.
28. Acampora, G., Tortora, G., Vitiello, A., "Comparison of Multi-objective Evolutionary Algorithms for Prototype Selection in Nearest Neighbor Classification," in IEEE Symposium Series on Computational Intelligence (SSCI) 2016, pp. 1-8, 2016
29. Acampora, G., Tortora, G., Vitiello, A., "Applying SPEA2 to Prototype Selection for Nearest Neighbor Classification," in IEEE International Conference on Systems, Man, and Cybernetics 2016, pp. 3924-3929, 2016.
30. Acampora, G., Vitiello, A., "jMeme: a Java Library for Designing Competent Memetic Algorithms," in IEEE International Conference on Fuzzy Systems 2016, pp. 386-393, 2016.
31. Acampora, G., Caruso, D., Vaccaro, A., Vitiello, A., "A Search Group Algorithm for Optimal Voltage Regulation in Power Systems," in IEEE Congress on Evolutionary Computation 2016, pp. 3662-3669, 2016.
32. G. Acampora, B. Di Stefano and A. Vitiello, "IEEE 1855™: The First IEEE Standard Sponsored by IEEE Computational Intelligence Society [Society Briefs]," in **IEEE Computational Intelligence Magazine**, vol. 11, no. 4, pp. 4-6, 2016.

33. Vitiello, A., Di Nunzio, C., Garofano, L., Saliva, M., Ricci, P., Acampora, G., "Bloodstain pattern analysis as an optimisation problem," **Forensic Science International**, vol. 266, e79-e85, 2016.
34. Acampora, G., Vitiello, A., "A Multiple Statistical Comparison of Nature-Inspired Algorithms for Learning Fuzzy Cognitive Maps," in IEEE International Conference on Fuzzy Systems, pp. 1-8, 2015.
35. Acampora, G., Vitiello, A., "Learning of Fuzzy Cognitive Maps for modelling Gene Regulatory Networks through Big Bang-Big Crunch Algorithm," in IEEE International Conference on Fuzzy Systems, pp. 1-6, 2015.
36. Acampora, G., Pedrycz, W., Vitiello, A., "A Competent Memetic Algorithm for Learning Fuzzy Cognitive Maps", **IEEE Transactions on Fuzzy Systems**, IEEE, vol. 23, no. 6, pp. 2397-2411, 2015. DOI:10.1109/TFUZZ.2015.2426311.
37. Acampora, G., Vitiello, A., Di Nunzio, C., Saliva, M., Garofano, L., "Towards Automatic Bloodstain Pattern Analysis through Cognitive Robots," in IEEE International Conference on Systems, Man, and Cybernetics, pp. 2447-2452, 2015.
38. Acampora, G., Appiah, K., Hunter, A., Vitiello, A., "Interoperable services based on activity monitoring in Ambient Assisted Living environments," 2014 IEEE Symposium Series on Computational Intelligence, pp. 81-88, 2015.
39. Orciuoli F., Parente M., Vitiello A., "Solving Shopping Plan Problem through Bio-inspired Approaches", **Soft Computing**, Springer Berlin Heidelberg, February 2015. DOI:10.1007/s00500-015-1625-5.
40. Acampora, G., Ishibuchi, H., Vitiello, A., "A comparison of multi-objective evolutionary algorithms for the ontology meta-matching problem," in IEEE Congress on Evolutionary Computation, pp. 413-420, 2014.
41. Acampora, G., Reformat, M., Vitiello, A., "Extending FML with evolving capabilities through a scripting language approach," in IEEE International Conference on Fuzzy Systems, pp. 865-872, 2014.
42. Acampora, G., Vitiello, A., Di Nunzio, C., Saliva, M., Garofano, L., "Bloodstain pattern analysis: A new challenge for computational intelligence community", in the International Conference on Fuzzy Computation Theory and Applications (FCTA), pp. 211-216, 2014.
43. Acampora, G., Castiglione, A., Vitiello, A., "A fuzzy logic based reputation system for E-markets," in IEEE International Conference on Fuzzy Systems, pp. 857-864, 2014.
44. D'Aniello G., Orciuoli F., Parente M., Vitiello A., "Enhancing an AmI-based Framework for U-commerce by applying Memetic Algorithms to Plan Shopping," in the 6-th International Conference on Intelligent Networking and Collaborative Systems 2014, 2014.
45. Acampora G., Vitiello A., "Improving voltage regulation in Smart Grids through Adaptive Fuzzy Agents," Computational Intelligence Applications in Smart Grids: Enabling Methodologies for Proactive and Self-Organizing Power Systems, World Scientific, 2014.
46. Acampora G., Vitiello A., "Interoperable Neuro-Fuzzy Services for Emotion-Aware Ambient Intelligence", **Neurocomputing**, Elsevier, vol. 122, pp. 3-12, 2013. DOI:10.1016/j.neucom.2013.01.046.
47. Acampora, G., Kaymak, U., Loia, V., Vitiello, A. "Applying NSGA-II for solving the ontology alignment problem," IEEE International Conference on Systems, Man, and Cybernetics, pp. 1098-1103, 2013.
48. Acampora G., Loia V., Vitiello A., "Enhancing Ontology Alignment through a Memetic Aggregation of Similarity Measures", **Information Sciences**, Elsevier, vol. 250, pp. 1-20, 2013. DOI:10.1016/j.ins.2013.06.052.
49. Acampora G., Kaymak U., Loia V., Vitiello A., "A FML-based Fuzzy Tuning for a Memetic Ontology Alignment System," in 2013 IEEE International Conference on Fuzzy Systems, pp. 1-8, 7-10 July 2013.

50. Acampora G., Vitiello A., "Collaborative Memetic Agents for Enabling Semantic Interoperability," in 2013 IEEE Symposium on Intelligent Agent, pp.1-8, 15-19 April 2013.
51. Acampora G., Loia V., Vitiello A., "Distributing Fuzzy Reasoning through Fuzzy Markup Language: An Application to Ambient Intelligence", On the Power of Fuzzy Markup Language, Studies in Fuzziness and Soft Computing, Springer Berlin Heidelberg, 2013.
52. Acampora G., Loia V., Vitiello A., "An Enhanced Visual Environment for Designing, Testing and Developing FML-Based Fuzzy Systems", On the Power of Fuzzy Markup Language, Studies in Fuzziness and Soft Computing, Springer Berlin Heidelberg, 2013.
53. Acampora, G., Loia, V., Vitiello, A., "Improving game bot behaviours through timed emotional intelligence," **Knowledge-Based Systems**, Elsevier, vol. 34, pp. 97-113, 2012. DOI:10.1016/j.knosys.2012.04.012.
54. Acampora, G., Kaymak, U., Loia, V., Vitiello, A., "Hybridizing Genetic Algorithms and Hill Climbing for Similarity Aggregation in Ontology Matching," in 12th Annual UK Workshop on Computational Intelligence, pp. 1-6, 2012 (Best paper award) .
55. Acampora, G., Lee, C-S, Vitiello, A., Wang, M.-H., "Evaluating cardiac health through semantic soft computing techniques", **Soft Computing**, Springer-Verlag, vol. 16, no. 7, pp. 1165-1181, 2012. DOI:10.1007/s00500-011-0792-2.
56. Acampora, G., Loia, V., Salerno, S., Vitiello, A., "A hybrid evolutionary approach for solving the ontology alignment problem," **International Journal of Intelligent Systems**, Wiley Periodicals, Inc., vol. 27, no. 3, pp. 189-216, 2012.
57. Acampora, G., Loia, V., Vitiello, A., "Managing urban waste collection through timed automata based fuzzy cognitive maps," Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7465 LNCS, pp. 501-515, 2012.
58. Acampora, G., Vitiello, A., "Improving agent interoperability through a memetic ontology alignment: A comparative study," in 2012 IEEE International Conference on Fuzzy Systems, pp. 1-8, 2012.
59. Acampora, G., Loia, V., Vitiello, A., "Using ANFIS and FML for deploying Transparent Services in Smart Environments," in The Sixth International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing, pp. 628-633, 2012.
60. Acampora, G., Avella, P., Loia, V., Salerno, S., Vitiello, A., "Improving ontology alignment through memetic algorithms," in 2011 IEEE International Conference on Fuzzy Systems, pp. 1783-1790, 2011.
61. Acampora, G., Loia, V., Vitiello, A. "Distributing emotional services in Ambient Intelligence through cognitive agents," **Service Oriented Computing and Applications**, Springer-Verlag London, vol.5, no.1, pp. 17-35, 2011.
62. Acampora, G., Gaeta, M., Munoz, E., Vitiello, A., "An adaptive multi-agent memetic system for personalizing e-learning experiences," in 2011 IEEE International Conference on Fuzzy Systems, pp. 123-130, 2011.
63. Acampora, G., Loia, V., Vitiello, A., "Exploiting Timed Automata based Fuzzy Controllers for voltage regulation in Smart Grids," in 2011 IEEE International Conference on Fuzzy Systems, pp. 223-230, Taipei, 27-30 June 2011.
64. Acampora, G., Kiseliova, T., Pagava, K., Vitiello, A., "Towards application of FML in suspicion of non-common diseases," in 2011 IEEE International Conference on Fuzzy Systems, pp. 2073-2079, 2011.
65. Acampora, G., Loia, V., Vitiello, A., "A cognitive multi-agent system for emotion-aware ambient intelligence," in 2011 IEEE Symposium on Intelligent Agent, art. no. 5953606, pp. 1-8, 2011.
66. Acampora, G., Loia, V., Vitiello, A., "Enhancing Transparent Fuzzy Controllers Through Temporal Concepts: An Application to Computer Games," in 2010 International Conference

on Technologies and Applications of Artificial Intelligence (TAAI), pp.405-412, November 2010

67. Acampora, G., Loia, V., Vitiello, A., “Hybridizing fuzzy control and timed automata for modeling variable structure fuzzy systems,” in 2010 IEEE International Conference on Fuzzy Systems, pp.1-8, July 2010.
68. Acampora, G., Gaeta, M., Loia, V., Vitiello, A., “Multi-agent memetic computing for adaptive learning experiences,” in 2010 IEEE International Conference on Fuzzy Systems, pp.1-8, July 2010.

Date, 6/11/2021