PERSONAL INFORMATION   VINCENZO MOSCATO

📍 Affiliation

University of Naples Federico II

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Sex M | Date of birth 15/08/1978| Nationality Italian

ACADEMIC WORK EXPERIENCE

CURRENT POSITION
- **Full Professor** at the Department of Electrical Engineering and Information Technology, DIETI, University of Naples Federico II

PAST POSITIONS
- 2015-2023 **Associate Professor,** Department of Electrical Engineering and Information Technology (DIETI), University of Naples Federico II (UNINA).
- 2009-2015 **Assistant Professor,** Department of Electrical Engineering and Information Technology (DIETI), University of Naples Federico II (UNINA).
- 2006-2008 **Research Fellow,** University of Naples Federico II (UNINA).

MAIN TEACHING ACTIVITIES
From 2009 to present, MSC courses at University Federico II of Naples on:
- Big Data and Artificial Intelligence, Machine Learning and Big Data for health, Big Data Analytics and Business Intelligence, Big Data Engineering, Data Management, Hardware and Software for Big Data, Information Systems, Enabling Technologies for Public Administration – Big Data Analytics, Information Systems and Business Intelligence.

Phd courses on:
- "Advanced Programming", MIUR Doctorate Program on Technology, Innovation and Management (TIM), Università degli Studi Di Bergamo and Università degli Studi di Napoli Federico II; "Architecture for Big Data Processing", MIUR Doctorate Program on Economics, Statistics and Data Science (ECOSTAT), Università degli studi di Milano Bicocca.

EDUCATION AND TRAINING

- Visiting Phd Student, University of Maryland, Maryland, MD, USA, supervised by prof. V.S. Subrahmanian (August 2004): research activities on event detection in multimedia streams.
- Visiting Researcher, Politecnico di Milano, Italy, supervised by prof. Letizia Tanca (Marzo 2013): research activities on context-aware recommender systems.
- PhD in Computer Automation and Engineering, University of Naples Federico II.

GRANTS AND FUNDED RESEARCH PROJECT

Funded Research Project with Leadership roles:

- **SNECS** (Social Network dell'Entità dei centri Storici) – *National PON Project*
  - o Principal Investigator I for the DIETI research unit
- **CHIS** (Cultural Heritage Information Systems) – *National PON Project*
  - o OR1 and OR2 task leader the DIETI research unit
- **ICARUS** (MISE project)
  - o Principal Investigator for UNINA
- **Big4H** (Big data analytics for e-Health applications) - *Regional POR Project*
  - o Principal Investigator of the entire project
- **Synergy-net: ricerca e Digital Solutions nella lotta alle patologie oncologiche** - *Regional POR Project*
  - o Principal Investigator for the DIETI research unit
- **FAIR** (Future Artificial Intelligence Research) – *National PNRR Project*
  - o WP leader for UNINA research unit
- **HPC, Big Data and Quantum Computing** – *National PNRR Project*
  - o WP leader for UNINA research unit
- **Anchor** (Data-driven Network Controller and Orchestrator for Real-time Network Management)– *European ESA project*
  - o WP leader for CINI (Consorizio Interuniversitario Nazionale per l'Informatica) research unit
- **CREATE** (Conflict Resolution with Equitative Algorithms) – *European EJUSTICE Project*
  - o WP leader for UNINA research unit

AWARDS AND KEYNOTE SPEECHES

- Oracle Award for the "Knowledge graphs for next-generation health science applications" project (2021).
- The paper published in IEEE Intelligent Systems "An Emotional Recommender System for Music" was awarded the runner up for best paper award related to 2021 by the IEEE Computer Society IEE(https://www.computer.org/publications/best-paper-award-winners).
- Winner of the DISease TExt Mining Shared Task (DisTEMIST) @ BioASQ 2022 challenge(http://participants-area.bioasq.org/results/DisTEMIST) as part of the CLEF2022 (Cross Language Evaluation Forum - Information Access Evaluation meets Multilinguality, Multimodality, and Visualization) international conference.

MAIN RESEARCH INTEREST

Big Data Analytics, Machine Learning, Artificial Intelligence for Health and Industry, Social Network Analysis, Multimedia Recommender Systems.

ADDITIONAL INFORMATION:

1. Co-Founder of Data Jam srl (spinoff) Company.
2. Leader of PICUS (Pattern and Intelligence Computation for mUltimedia Systems) DIETI research group.
3. Scientific Coordinator of the University of Naples unit within the Big Data national laboratory of CINI (Consorzio Interuniversitario Nazionale per l'Informatica).
4. Member of the University of Naples unit within the Artificial Intelligence and Intelligent Systems national laboratory of CINI (Consorzio Interuniversitario Nazionale per l'Informatica).
5. TPC chair of the following conferences: IEEE IIMS, IEEE IRI/SMA2, IEEE AINA/BOSON, I-SPAN, IEEE METROXRAINE.
6. Editorial Member: Expert Systems with Applications, Journal of Intelligent Information Systems, Journal of Wireless Mobile Networks and Ubiquitous Computing, Information, IET Software
7. Guest Editor: Big Data Research (Special issue on "Theoretical and Empirical Aspects of Big Data in Social IoT"),

Information (SI on "Social Networks and Recommender Systems"), Future Internet (SI on "Intelligent Innovations in Multimedia Data"), Big Data and Cognitive Computing (Special Session on "Graph-Based Data Mining and Social Network Analysis"), Computer & Security (SI on "Anomaly Detection in Cyber-Physical Systems")

8. Board of the National Doctorate Program on on Technology, Innovation and Management (TIM), Università degli Studi Di Bergamo and Università degli Studi di Napoli Federico II.

9. Secretary of the Didactic Coordination Commission of the Degree Course in Computer Engineering.

PUBLICATIONS:

Author of 240 publications in international journals, conference proceedings and edited book chapters.

-	**JOURNALS**
1.	G. Boccignone, A. Chianese, V. Moscato, A. Picariello , "Foveated Shot Detection for Video Segmentation", **IEEE Transactions on Circuits and System for Video Technology**, vol. 15, Issue 3, pp. 365-377, March 2005, ISSN: 1051-8215, doi: 10.1109/TCSVT.2004.842603.
2.	M. Albanese, R. Chellappa, V. Moscato, A. Picariello, V.S. Subrhamanian, P. Turaga, O. Udrea, "A Constrained Probabilistic Petri Net Framework for Human Activity Detection in Video", **IEEE Transactions on Multimedia**, vol. 10, n. 8, pp. 1429-1443, December 2008, ISSN: 1520-9210, doi: 10.1109/TMM.2008.2010417.
3.	M. Albanese, R. Chellappa, N. P. Cuntoor, V. Moscato, A. Picariello, V. S. Subrahmanian, O. Udrea, "PADS: A Probabilistic Activity Detection System for Video Data", **IEEE Transactions on Pattern Analysis and Machine Intelligence**, vol. 31, n. 12, pp. 2246-2261, 2010, ISSN: 0162-8828, doi: 10.1109/TPAMI.2010.33.
4.	V. Moscato, A. Rinaldi, A. Picariello, "Towards a user based recommendation strategy for digital ecosystems", **Knowledge-Based Systems**, vol. 37, pp. 165-175, 2013, ISSN: 0950-7051, doi:10.1016/j.knosys.2012.07.021.
5.	M. Albanese, A. Chianese, d'Acierno, V, Moscato, A. Picariello, "A Multimedia Recommender System", **ACM Transactions on Internet Technology** (TOIT), vol. 13, n. 1, Paper n. 3, November 2013, DOI: 10.1145/2532640, ISSN: 1533-5399.
6.	F. Colace, L. Greco, M. De Santo, V. Moscato, A. Picariello, "A collaborative user-centered framework for recommending items in Online Social Networks", **Computer in Human Behavior**, Vol. 51, parte B, pp. 694-704, October, 2015, DOI: 10.1016/j.chb.2014.12.011, ISSN: 0747-5632.
7.	F. Amato, A. Castiglione, A. De Santo, V. Moscato, A. Picariello, F. Persia, G. Sperlí, "Recognizing human behaviours in online social networks", **Computers & Security**, Volume 74, Maggio 2018, pp. 355-370, ISSN: 01674048, DOI: 10.1016/j.cose.2017.06.002.
8.	V. Moscato, A. Picariello, G. Sperlì, "Community detection based on Game Theory", **Engineering Application of Artificial Intelligence**, Vol. 85, pp. 773-782, October 2019, ISSN: 0952-1976, DOI: 10.1016/j.engappai.2019.08.003.
9.	X. Su, G. Sperlì, V. Moscato, A. Picariello, C. Esposito, C. Choi, "An Edge Intelligence Empowered Recommender System Enabling Cultural Heritage Applications**", IEEE Transactions on Industrial Informatics**, Vol, 15, Issue 7, pp. 4277-4275, 2019, DOI: 10.1109/TII.2019.2908056, ISSN: 15513203.
10.	A. Castiglione, G. Cozzolino, F. Moscato, V. Moscato, "Cognitive Analysis in Social Networks for Viral Marketing", **IEEE Transactions on Industrial Informatics**, 2020, vol. 17, n.9, pp. 6162-6169, DOI 10.1109/TII.2020.3026013, ISSN: 15513203.
11.	F. Mercorio, M. Mezzanzanica, V. Moscato, A. Picariello, G. Sperlì, "DICO: a graph-db framework for community detection on big scholarly data", **IEEE Transactions on Emerging Topics in Computing**, vol. 9, n. 4, pp. 1987-2003, 2021 , DOI: 10.1109/TETC.2019.2952765, ISSN: 21686750.

12. V. Moscato, A. Picariello, G. Sperlí, "An emotional recommender system for music", **IEEE Intelligent Systems**, 2021, vol. 36, pp. 57-68, ISSN: 15411672, DOI: 10.1109/MIS.2020.3026000 (IEEE Running up Best Paper Award 2021).

13. V. La Gatta, V. Moscato, M. Postiglione, G. Sperlì, "An Epidemiological Neural Network exploiting Dynamic Graph Structured Data applied to the COVID-19 outbreak", **IEEE Transaction on Big Data**, vol. 7, n. 1, pp. 45-55, 2021, DOI: 10.1109/TBDATA.2020.3032755, ISSN: 23327790.

14. R. Di Girolamo, C. Esposito, V. Moscato, G. Sperlí, "Evolutionary game theoretical on-line event detection over tweet streams", **Knowledge-Based Systems**, Volume 211, 2021, DOI: https://doi.org/10.1016/j.knosys.2020.10656, ISSN: 0950-7051.

15. A. de Santo, A. Galli, M. Gravina, V. Moscato, G. Sperlì, "Deep Learning for HDD health assessment: an application based on LSTM", **IEEE Transaction on Computers**, vol. 71, no. 1, pp. 69-80, 2022, DOI: 10.1109/TC.2020.3042053, ISSN: 189340.

16. C. Esposito, V. Moscato, G. Sperlì, "Trustworthiness Assessment of Users in Online Social Networks", **IEEE Transaction on Systems, Man and Cybernetics (Systems)**, vol. 52, n.1, 2022, DOI: 10.1109/TSMC.2020.3049082, ISSN: 2168-2216

17. C. Esposito, A. Galli, V. Moscato, G. Sperlí,, "Multi-criteria assessment of user trust in Social Reviewing Systems with subjective logic fusion", **Information Fusion**, vol. 77, pp. 1-18, 2022, ISSN 1566-2535, DOI: https://doi.org/10.1016/j.inffus.2021.07.012.

18. V. La Gatta, V. Moscato, M. Pennone, M. Postiglione and G. Sperlí, "Music Recommendation via Hypergraph Embedding," in **IEEE Transactions on Neural Networks and Learning Systems**, vol. 4, n.10, pp. 7887-7899, 2023, DOI: 10.1109/TNNLS.2022.3146968.

19. M. Albanese, A. Chianese, V. Moscato, L. Sansone , "A Formal Model for Video Shot Segmentation and its Application via Animate Vision", **Multimedia Tools and Applications** (MTAP), vol. 24, Issue 3, pp. 253 - 272, Dec. 2004, ISSN:1380-7501, doi: 10.1023/B:MTAP.0000039421.91449.10.

20. C. Cesarano, A. Chianese, A. d'Acierno, V. Moscato, A. Picariello, "A Hybrid Approach for Improving Concurrency of Frequently Disconnecting Transaction", **Journal of Computer Science and Network Security**, vol.7, Issue 1, pp. 205-215, 2007, ISSN: 1738-7906.

21. A. Chianese, V. Moscato, "The Web-IDEA Project", **Journal of e-Learning and Knowledge Society**, vol. 3, n.3, pp. 61-69, October 2007, ISSN: 1971-8829

22. G. Boccignone, A. Chianese, V. Moscato, and A. Picariello, "Context-sensitive Queries for Image Retrieval in Digital Libraries", **Journal of Intelligent Information Systems**, vol. 31, n. 1, pp. 53-84, Ed. Springer, August 2008, ISSN: 0925-9902, doi: 10.1007/s10844-007-0040-5.

23. M. Albanese, R. Chellappa, V. Moscato, A. Picariello, V.S. Subrhamanian, P. Turaga, O. Udrea, "A Constrained Probabilistic Petri Net Framework for Human Activity Detection in Video", **IEEE Transactions on Multimedia**, vol. 10, n. 6, pp. 982-996, October 2008, ISSN: 1520-9210, doi: 10.1109/TMM.2008.2001369.

24. F. Flammini, A. Gaglione, N. Mazzocca, V. Moscato, C. Pragliola, "On-line integration and reasoning of multi-sensor data to enhance infrastructure surveillance", **Journal of Information Assurance and Security**, vol. 4, pp. 183-191, 2009, ISSN: 1554-1010.

25. F. Amato, A. Mazzeo, V. Moscato, A. Picariello, "A system for semantic retrieval and long-term preservation of multimedia documents in the e-government domain", **International Journal of Web and Grid Services**, vol. 5, n. 4, pp. 323-338, 2009, ISSN: 1741-1106, doi: 10.1504/IJWGS.2009.030262.

26. M. Albanese, A. Chianese, V, Moscato, A. Picariello, A. d'Acierno, "A Multimedia Recommender Integrating Object Features and User Behavior", **Multimedia Tools and Applications (MTAP)**, vol. 50, n. 3, pp. 563-585, 2010, ISSN: 1380-7501, doi: 10.1007/s11042-010-0480-8.

27. A. Fasolino, A. Chianese, M. Caropreso, V. Moscato, P. Tramontana, "A Novel Approach for Semantic Interoperability in the Web based on the Semantic Triangle Communication Model", **Journal of Software Engineering and Knowledge Engineering**, vol. 21, n.7, pp. 1037-1073, 2011, ISSN: 0218-1940, doi: 10.1142/S0218194011005591.

28. M. Albanese, V, Moscato, F. Persia, A. Picariello, A. d'Acierno, A Multimedia "A Novel Strategy for Recommending Multimedia Objects and its Application in the Cultural Heritage Domain", **International Journal of Multimedia Data Engineering and Management**, vol.2, n.4, pp. 1-18, 2011, ISSN: 1947-8534.

29. F. Colace, M. De Santo, L. Greco, A. Chianese, V. Moscato, A. Picariello, "CHIS: Cultural Heritage Information System", **International Journal of Knowledge Society Research**, Vol. 4, n.4, pp. 18-26, 2013, DOI: 10.4018/ijksr.2013100103, ISSN: 1947-8429, EISSN: 1947-8437.

30. C. Molinaro, V. Moscato, A. Picariello, A. Pugliese, A. Rullo, V.S. Subrahmanian, "PADUA: Parallel Architecture to Detect Unexplained Activities", **ACM Transactions on Internet Technology (TOIT)**, Special Issue on Event Recognition, Volume 14, Num. 1, July 2014, ISSN: 15335399, DOI: 10.1145/2633685.

31. F. Amato, F. Colace, L. Greco, M. De Santo, V. Moscato, A. Picariello, "Terminological Ontology Learning and Population using Latent Dirichlet Allocation", **Journal of Visual Languages and Computing**, Volume 15, n.6, pp. 818-826, Dec. 2014, ISSN: 1045926X, DOI:10.1016/j.jvlc.2014.11.001.

32. F. Amato, A. Mazzeo, V. Moscato, A. Picariello, C. Sanone, "Managing 3D objects for real world scenes reconstruction", **International Journal of Computational Science and Engineering**, Volume 11, n. 1, pp. 56-67 , 2015, DOI: 10.1504/IJCSE.2015.071364, ISSN: 17427185.

33. F. Amato, F. Colace, L. Greco, V. Moscato, A. Picariello, "Semantic processing of multimedia data for e-government applications", **Journal of Visual Languages and Computing**, Volume 32, pp. 35-41, Feb. 2016, ISSN: 1045-926X, DOI: 10.1016/j.jvlc.2015.10.012.

34. I. Bartolini, V. Moscato, R. G. Pensa, A. Penta, A. Picariello, C. Sansone, M. L. Sapino, "Recommending Multimedia Visiting Paths in Cultural Heritage Applications", **Multimedia Tools and Applications (MTAP)**, Special Issue on Multimedia for Cultural Heritage, Vol. 75, n. 7, pp. 3813-3842, April 2016, DOI: 10.1007/s11042-014-2062-7, ISSN: 13807501.

35. G. Sperlì, F. Amato, V. Moscato, A. Picariello, "Multimedia Social Network Modeling using Hypergraphs", **International Journal of Multimedia Data Engineering and Management**, Vol. 7, n. 3, pp. 53-77, September 2016, ISSN: 1947-8534, DOI: 10.4018/IJMDEM.2016070104.

36. F. Amato, V. Moscato, A. Picariello, G. Sperlí, A. D'Acierno, A. Penta, "Semantic summarization of web news", **Encyclopedia with Semantic Computing and Robotic Intelligence**, Volume 1, Issue 1, March 2017, ISSN: 2529-7376/ 2529-7392, DOI: 10.1142/S2425038416300068.

37. F. Amato, F. Colace, M. de Santo, Vincenzo Moscato, Antonio Picariello, F. A. Schreiber, L. Tanca, , "Big Data meets Digital Cultural Heritage: design and implementation of SCRABS, a Smart Context-awaRe Browsing assistant for cultural EnvironmentS", **ACM Journal on Computing and Cultural Heritage (JOCCH)**, vol. 10, n. 1, , April 2017, ISSN:1556-4673 EISSN:1556-4711, DOI: 10.1145/3012286.

38. F. Amato, V. Moscato, A. Picariello, F. Piccialli, G. Sperlí, "Centrality in heterogeneous social networks for lurkers detection: An approach based on hypergraphs**", Concurrency and Computation: Practice and Experience**, Special issue on Intelligent approaches for security technologies, Volume 30, Issue 3, February 2018, ISSN: 15320626, DOI: 10.1002/cpe.4188.

39. G. Sperlì, F. Amato, F. Mercorio, M. Mezzanzanica, V. Moscato, A. Picariello, "A Social Media Recommender System", **International Journal of Multimedia Data Engineering and Management (IJMDEM)**, Volume 9, Issue 1, pp. 36-50, January 2018, DOI: 10.4018/IJMDEM.2018010103, ISSN: 1947-8534, EISSN: 1947-8542.

40. A. Castiglione, F. Colace, V. Moscato, F. Palmieri, "CHIS: A big data infrastructure to manage digital cultural items", **Future Generation Computer Systems**, Vol. 86, Pages 1134-1145, September 2018, ISSN: 0167739X, DOI: 10.1016/j.future.2017.04.006.

41. F. Amato, F. Moscato, V. Moscato, F. Colace, "Improving security in cloud by formal modeling of IaaS resources", **Future Generation Computer Systems**, Vol. 87, Pages 754-764, October 2018, Future Generation Computer Systems, ISSN: 0167739X, DOI: 10.1016/j.future.2017.08.016.

42. M. Mezzanzanica, F. Mercorio, M. Cesarini, V. Moscato, A. Picariello, "GraphDBLP: a system for analysing networks of computer scientists through graph databases", **Multimedia Tools and Applications (MTAP)**, Vol. 77, Issue 14, pp. 18657-18688, 2018, https://doi.org/10.1007/s11042-017-5503-2, ISSN: 13807501.

43. F. Amato, A. Castiglione, V. Moscato, A. Picariello, G. Sperlì, "Multimedia summarization using social media content", **Multimedia Tools and Applications (MTAP)**, Vol. 77, Issue 14, pp 17803–17827, 2018, https://doi.org/10.1007/s11042-017-5556-2, ISSN: 1380-7501/ 1573-7721.

44. F. Amato, A. Castiglione, F. Mercorio, M. Mezzanzanica, V. Moscato, A. Picariello, G. Sperlì, "Multimedia story creation on social networks", **Future Generation Computer Systems**, vol. 86, pp. 412-420, 2018, ISSN: 0167739X, DOI: 10.1016/j.future.2018.04.006.

45. F. Amato, F. Moscato, V. Moscato, F. Pascale, A. Picariello, "An agent-based approach for recommending cultural tours", **Pattern Recognition Letters**, Vol. 131, pp. 341-347, March 2020, ISSN: 01678655, DOI: 10.1016/j.patrec.2020.01.005.

46. F. Amato, V. Moscato, A. Picariello, F. Piccialli, "SOS: A multimedia recommender System for Online Social networks", **Future Generation Computer Systems**, Vol. 93, pp- 914.923, 2019, Codice SCOPUS: 2-s2.0-85018167994, ISSN: 0167739X, DOI: 10.1016/j.future.2017.04.028.

47. F. Amato, V. Moscato, A. Picariello, G. Sperlì, "Extreme events management using multimedia social networks", **Future Generation Computer Systems**, Volume 94, May 2019, pp. 444-452, ISSN: 0167-739X, DOI: 10.1016/j.future.2018.11.035.

48. F. Amato, G. Cozzolino, V., Moscato, F. Moscato, "Analyse digital forensic evidences through a semantic-based methodology and NLP techniques", **Future Generation Computer Systems**, Volume 98, pp. 297-307, September 2019, DOI: 10.1016/j.future.2019.02.040, ISSN: 0167-739X.

49. F. Amato, S. Marrone, V. Moscato, G. Piantadosi, A. Picariello, C. Sansone, "HOLMeS: eHealth in the Big Data and Deep Learning Era", **Information**, Vol. 10, Issue 2, pp. 34-53, 2019, DOI: 2-s2.0-85061195107.

50. V. Moscato, A. Picariello, G. Sperlí, "A benchmark of machine learning approaches for credit score prediction", **Expert Systems with Applications**, Volume 165, 1 March 2021, Article number 113986, ISSN: 09574174, DOI: 10.1016/j.eswa.2020.113986.

51. V. La Gatta, V. Moscato, M. Postiglione, G. Sperlì, "CASTLE: Cluster-aided space transformation for local explanations", **Expert Systems with Applications**, 179, 115045, 2021, ISSN 0957-4174, https://doi.org/10.1016/j.eswa.2021.115045.

52. M. Cinque, R. Della Corte, V. Moscato, G. Sperlì, "A Graph-based approach to detect Unexplained Sequences in a Log ", **Expert Systems with Applications**, vol. 171, n.1, 2021, DOI: 10.1016/j.eswa.2020.114556, ISSN 0957-4174.

53. A. De Santo, A. Galli, V. Moscato, G. Sperlì, "A deep learning approach for semi-supervised community detection in Online Social Networks", **Knowledge-Based Systems**, vol. 229, 107345, 2021, ISSN: 0950-7051, https://doi.org/10.1016/j.knosys.2021.107345.

54. V. La Gatta, V. Moscato, M. Postiglione, G. Sperlì, "PASTLE: Pivot-aided space transformation for local explanations, **Pattern Recognition Letters**", Volume 149, 2021, Pages 67-74, ISSN 0167-8655, https://doi.org/10.1016/j.patrec.2021.05.018.

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58. A. Galli, M. S. Piscitelli, V. Moscato, A. Capozzoli, "Bridging the gap between complexity and interpretability of a data analytics-based process for benchmarking energy performance of buildings", **Expert Systems with Applications**, vol. 206, 2022, Article n. 117649117649, ISSN 09574174, DOI 10.1016/j.eswa.2022.11764.

59. Michele Delli Veneri, Stefano Cavuoti, Roberto Abbruzzese, Massimo Brescia, Giancarlo Sperlì, Vincenzo Moscato, Giuseppe Longo, "HyCASTLE: A Hybrid ClAssification System based on Typicality, Labels and Entropy", **Knowledge-Based Systems**, vol. 244, Issue C, 2022 https://doi.org/10.1016/j.knosys.2022.108566, ISSN 0950-7051.

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61. V. Moscato, G. Sperlì, "A novel influence diffusion model under temporal and content constraints on Business Social Network", **Telematics and Informatics**, Volume 68, 2022, ISSN: 0736-5853, https://doi.org/10.1016/j.tele.2021.101768.

62. A. Barducci, S. Iannaccone, V. La Gatta, V. Moscato, G. Sperlì, S. Zavota, "An end-to-end framework for information extraction from Italian resumes", **Expert Systems with Applications**, vol. 210, article n.118487, 2022, 10.1016/j.eswa.2022.118487, ISSN 09574174.

63. A. De Santo, A. Ferraro, A. Galli, V. Moscato, G. Sperlì, "Evaluating time series encoding techniques for Predictive Maintenance", **Expert Systems with Applications**, vol. 210, article n. 118435, 2022, ISSN 09574174, DOI 10.1016/j.eswa.2022.118435.

64. E. Di Fiore, A. Ferraro, A. Galli, V. Moscato, G. Sperlì, "An anomalous sound detection methodology for predictive maintenance", **Expert Systems with Applications**, vol. 209, Article n. 118324, 2022, ISSN 09574174, DOI 10.1016/j.eswa.2022.118324.

65. V Moscato, G. Sperlì, "Community detection over feature-rich information networks: An eHealth case study", **Information Systems** vol. 109, article n.102092, 2022, ISSN: 03064379, DOI 10.1016/j.is.2022.102092.

66. A. Ferraro, A. Galli, V. Moscato, G. Sperlì, "Evaluating eXplainable artificial intelligence tools for hard disk drive predictive maintenance", **Artificial Intelligence Review**, 2023, vol. 56, pp. 7279-7314, https://doi.org/10.1007/s10462-022-10354-7, ISSN: 1573-7462.

67. D. D'Auria, V. Moscato, M. Postiglione, G. Romito, G. Sperlí, "Improving graph embeddings via entity linking: A case study on Italian clinical notes", **Intelligent Systems with Applications**, vol. 17, Feb. 2023, , DOI: https://doi.org/10.1016/j.iswa.2022.200161, ISSN:26673053.

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