Agostino Massimo Marengo
Born in BARI on 12/03/1968

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University of Foggia:
Department of Agricultural, Food,
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CURRENT POSITION

2021 – now	Associate Professor and Senior Researcher of Computer Science at the Department of Agricultural Sciences, Food, Natural Resources, and Engineering (DAFNE), University of Foggia, Italy.
2026	**World's Top 2% Scientists 2026, single-year - https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/9**
2005 – 2021	Senior Researcher and Assistant Professor of Computer Science at the Department of Economy, University of Bari ALDO MORO, Italy
SSD	INFO-01/A (Informatics, formerly INF/01)
ORCID	0000-0003-2769-5642
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Brief profile:	Agostino Marengo is Associate Professor of Computer Science (INFO-01/A) at the University of Foggia, Department of Agricultural, Food, Natural Resources and Engineering Sciences (DAFNE), and holds the Italian National Scientific Qualification as Full Professor. He has been a university researcher since 2005, first at the University of Bari "Aldo Moro" (Department of Economics, 2005-2021), where he had worked as an ICT and e-learning expert since 1994. His current research applies machine learning and interpretable AI to healthcare: hospital efficiency and resource allocation, clinical risk prediction, medical imaging, and the governance of foundation models in clinical practice. That line did not start from scratch. It grew out of three decades spent on data-driven learning systems (learning analytics, adaptive learning, serious games, soft skills assessment, AI in higher education): the methods are the same, the application domain changed. Recent work has appeared in IEEE Access, Applied Sciences, Frontiers in Digital Health, Frontiers in Computer Science, Computers and Education: Artificial Intelligence, and Interactive Technology and Smart Education. His Scopus profile records 42 indexed documents, 1.188 citations and an h-index of 16 (Sept 2026); 47.8% of his 2015-2024 output ranks in the world's top 10% most cited, with a field-weighted citation impact of 3.51. He has coordinated four European Tempus projects and two Erasmus+ projects since

2005. Since 2026 he coordinates the University of Foggia unit of HELIX-SMART (2026-2028), a cross-border project on innovation ecosystems and smart transition funded by the Interreg VI-A Greece-Italy 2021-2027 programme. He has also been principal investigator of research programmes commissioned by public bodies and companies on e-learning information systems, digital transition and enterprise AI adoption. In 2009 he was awarded an international fellowship at the Internet Interdisciplinary Institute (IN3), Open University of Catalonia, for the Learning Insight System project on semantic web approaches to dynamic e-learning.

Since 2009 he is co-founder and President of OSEL Srl, a spin-off of the University of Bari "Aldo Moro". Born as Open Source E-Learning, the company today works on artificial intelligence, digital transformation and people strategy with Italian organisations.

Appointments and roles

Associate Editor, Frontiers in Artificial Intelligence (2026); Guest Editor, Frontiers in High Performance Computing (2026) and Applied Sciences (since 2023). Reviewer for the Journal of Medical Internet Research, Journal of Computer Assisted Learning, Electronic Journal of e-Learning, and MDPI Education Sciences and Algorithms.
Visiting Professor at the University of Ioannina, Greece (July 2022 to March 2023), and visiting research fellow at the same university from April to December 2025.

Member of the Faculty Board of the national PhD programme LESDIT (Learning Sciences and Digital Technologies) and of the doctoral programme of the Department of Early Childhood Education, University of Ioannina.

Scientific coordinator for the University of Foggia in the national Digital Education Hub partnership (since 2022).

IEEE member since 2003.

Best Paper Award 2024, Applied Sciences, for the systematic review on artificial intelligence in healthcare management.

ACADEMIC ROLE

2026	Associate Professor in Computer Science at the University of Foggia Scientific - Disciplinary Sector INFO-01/A
2025	Visiting Professor at the University of Ioannina – Greece, from April to December 2025 (9 months).
2005-2008	Confirmed in the role of University Researcher, Scientific Disciplinary Sector INF/01 (now INFO-01/A), effective from 01/03/2008, at the Faculty of Economics of the University of Bari.

2004	Winner of the Comparative Evaluation Procedure for a position as a University Researcher, Scientific Disciplinary Sector INF/01 (now INFO-01/A), at the Faculty of Economics of the University of Bari.
From 1994 to 2004	Administrative Technician Cat. D (ICT Expert and e-learning solutions) University of Bari "ALDO MORO", Computer Services Center.

OTHER UNIVERSITY ROLES

From 2022 today Scientific Coordinator for the University of Foggia in the "Digital Education Hub" Partnership, nationally coordinated by the University of Modena and Reggio Emilia.

From 2013 to 2018 Coordinator of the "Internationalization" Sector from January 2013. University of Bari "ALDO MORO". Department of Economic Sciences and Mathematical Methods.

From 2016 to 2021 Coordinator of the International Agreement between the University of Bari and Carleton University in Ottawa.

From 2009 to 2021 Coordinator of the International Agreement between the University of Bari and the University of Irkutsk (RU).

From 2009 to 2021 Coordinator of the International Agreement between the University of Bari and Donetsk University (UK).

From 2014 to 2021 Member of the Scientific Research Steering Committee from 2014. University of Bari "ALDO MORO".

From 2009 to 2021 Member of the e-learning Commission of the University of Bari "ALDO MORO", since 2009.

TITLES AND EDUCATION

2006	Winner of the scholarship for the PhD in "Artificial Intelligence in e- learning" by the Sunderland University in Sunderland – Newcastle (UK). – not finished.
October 2002	Master of Science in "Online Training and Education OET" by the Bocconi University in Milan.
2002	Degree in Mechanical Engineering, at the chair of Machines, Prof. Michele Napolitano. Thesis title: "e-learning in Mechanical Engineering".

CERTIFICATIONS AND RECOGNITIONS

2026	**World's Top 2% Scientists 2026, single-year - https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/9**
2002	Licensed as an Engineer Registered with the Engineers' Guild of the Province of BARI – registration no. 6847.
2001	Certified Project Manager at the Luigi Bocconi Commercial University in Milan.
1997	Commendation from the Administrative Director of the University of Bari, Dr. Innocenzo Santoro, for teaching in the training course for the economic progression of the staff of the University of Bari: "The role of Informatics in organizational change".
1998	Commendation from the Administrative Director of the University of Bari, Dr. Innocenzo Santoro, for professional contribution in the responsibility of the success of the project "Methods and techniques of classroom management in distance learning".
2006	Commendation from the Rector of Donetsk University of Ukraine "for a collaboration that will form the basis of future Distance Learning at Donetsk University".

Part 1 – Research Activities

MEMBERSHIP IN NATIONAL AND INTERNATIONAL SCIENTIFIC SOCIETIES/ACADEMIES

From 2003 to present	IEEE Institute of Electrical and Electronics Engineers, Ordinary Member
From 2005 to 2009	Ordinary Member of the Italian e-learning Society, Siel

PARTICIPATION IN COLLEGIAL BODIES WITH A SCIENTIFIC CHARACTER

Since 2023 to present	Member of the Faculty Board of the National Interest Ph.D. Program in LESDIT "Learning Sciences and Digital Technologies", 39th cycle, at the University of Foggia - coordination UniMoRe
	Member of the Teaching Council of the National Interest Ph.D. Program in LESDIT "Learning Sciences and Digital Technologies", 39th cycle, at the University of Foggia - coordination UniMoRe
Since 2023	Member of the Faculty Board of the Doctoral Studies Program of the Department of Early Childhood Education in the context of the International Ph.D. program, University of Ioannina, Greece.
Since 2008 to 2011	Member of the Faculty Board of the Ph.D. Program in Computer Science, at the University of Bari ALDO MORO.

TUTORING AND SUPERVISION OF DOCTORAL THESES

2024	Tutor of Ph.D. student Douglas Amante in the National Interest Ph.D. Program LESDIT "Learning Sciences and Digital Technologies", 40th cycle, at the University of Modena Reggio Emilia and OSEL SRL (Industrial PhD) - coordination UniMoRe
2023	Tutor of Ph.D. student Martina Basciano in the National Interest Ph.D. Program LESDIT "Learning Sciences and Digital Technologies", 39th cycle, at the University of Foggia - coordination UniMoRe
2022	Tutor and supervisor for the doctoral thesis of student Liubov Plyska, Erasmus+ programme student to do a traineeship in the International Office at the University of Foggia while studying for a PhD degree at her home university - National University of Life and Environmental Sciences of Ukraine
2009	Tutor and supervisor for the thesis "Econometric and quality model for open source enterprise application development and open business model", candidate Alessandro Pagano, within the Ph.D. Program in Computer Science, at the University of Bari ALDO MORO, Italy.

PARTICIPATION IN EDITORIAL BOARDS OF NATIONAL AND INTERNATIONAL JOURNALS AND SERIES AND IN SCIENTIFIC AND ORGANIZING COMMITTEES OF NATIONAL AND INTERNATIONAL CONFERENCES

January 2026	Guest Editor - Frontiers in High Performance Computing
January 2026	Associate Editor - Frontiers in Artificial Intelligence
June 2024	Chairman at The Learning Ideas Conference – Columbia University (NY)
Since 2024	Reviewer of the Journal of Medical Internet Research
Since 2023	Guest Editor of the Special Issue on Data-Driven Mobile Networks on the MDPI – Journal on Applied Sciences.
Since 2023	Reviewer of the International Journal of Latest Engineering Research and Applications.
Since 2022	Reviewer on the JCAL - Journal of Computer Assisted Learning.
Since 2022	Reviewer on the EJEL – Electronic Journal on e-learning.
Since 2022	Reviewer on the MDPI – Journal on Education Sciences.
Since 2022	Reviewer on the MDPI – Journal on Algorithms.
2010	2nd Best Paper Award in IEEE International Conference on e-learning "Best practices in management, design and development of e-courses: standards of excellence and creativity" in Bahrain with the paper "Data mining methods to assess student behavior in adaptive e-learning processes".
2013	Keynote speaker at EACHEF Conference – European Arab Cooperation in Higher Education - Forum – Beirut, 28/2/2013

2013	Chairman of the European Conference on Higher Education (ECEL).
2013	Committee Member of the European Conference on Higher Education (ECEL).
2013	Committee Member of the International Conference on Information and Communication Technologies (HAICTA).
2009	Programme Chair of the 8th ECEL - European Conference on e-Learning, which this year is being held at University of Bari, in Bari, Italy on 29-30 October 2009.
2009	Educational/Scientific Coordinator of the Summer School in Project Management for ICT in Business - University of Bari/OSEL Consulting Srl - 2009
2007	Track Committee Member of The 24th Annual ACM Symposium on Applied Computing. Since Year 2007.
Since 2007	Reviewer on the 29th International Conference "Information Technology Interfaces" ITI 2007, since year 2007.
2007	Reviewer of the book entitled "Emergent Web Intelligence" published by Springer Verlag in the series Studies in Computational intelligence. http://www.u-bourgogne.fr/DBconf/Springer/
Since 2007	Reviewer on The IEEE International Conference on Soft Computing as Transdisciplinary Science and Technology - IEEE/ACM CSTST'08.
2007	Member of the Programme Committee for the 4th International Conference GIGP 2007: International Conference of Graduate Programmes. Held in Split (Croatia) from 15 to 17 October 2007.
2007	Conference Chair and Co-member of Committee of the World Congress on Engineering and Computer Science - WCECS 2007 which is held in San Francisco (USA) in October 2007.
2007	Conference Chair and Co-member of Committee of the 5th International Conference on Education which is held in Honolulu (USA) in January 2007.
2006	Reviewer on the Informing Science + IT Education Conference, which is held at the University of Salford (UK) on 25-28 June 2006.
Since 2006	Reviewer on the JIITO - Journal of Information, Information Technology and Organization.
Since 2006	Committee Member of Journal of Cases on Information Technology (JCIT)
2005	Member of the Programme Committee for the 3rd International Conference GIGP 2005: International Conference of Graduate Programmes. Held in Irkutsk (Russia) from 3 to 8 October 2005.
2005	Invited Lecture during the 3rd International Conference GIGP 2005: International Conference of Graduate Programmes. Held in Irkutsk (Russia) from 3 to 8 October 2005.
2004	Reviewer on the 3rd ECEL - European Conference on e-Learning, which this year is being held at Université Paris-Dauphine in Paris, France on 25-26 November 2004.

2004	Reviewer on IEEE Education Society FIE – Frontiers in Education International Conference, which this year is being held at Savannah GA, United States on 20 Oct - 23 Oct 2004.

PARTICIPATION IN COMPETITIVE BIDDING AND FUNDRAISING AND RESEARCH ACTIVITIES ABROAD

From 2022 today	Scientific Coordinator for the University of Foggia in the "Digital Education Hub" Partnership, nationally coordinated by the University of Modena and Reggio Emilia.
Jul 2022 – Mar 2023	Visiting Professor at the School of Education - Laboratory of New Technologies and Distance Learning, Dept. of E.C. Education - University of Ioannina, Greece. Ref.: Prof. Jenny Pange.
2021	Coordinator for the University of Bari "Aldo Moro" in the Collaboration Agreement with the National Commission for Further Education in Malta "Level 7 in Entrepreneurship".
2020 – 2021	Coordinator for the University of Bari "Aldo Moro" of the Erasmus+ KA 2.03 Project "Integrated RPL & APEL Level 6 Accredited Online Programme for Entrepreneurs - ARPEL". PROJECT REFERENCE N°: KA203-4C5AD9B2.
2018 – 2021	Coordinator for the University of Bari "Aldo Moro" of the Erasmus+ KA 2.03 Project "Multiple Higher Education Institutions – Master in Entrepreneurship MHEI-ME". PROJECT REFERENCE N°: 2017-1-MT01-KA203-026960.
2012 – 2015	Coordinator for the University of Bari "Aldo Moro" of the Tempus IV - Tempus IV Project. – American University of Beirut leading - PROJECT REFERENCE N°: 2012-3168/001-001 - Project Name: IDEAL: Innovation and Development of Academic-Industry Partnerships through Efficient Research Administration in Lebanon.
2012 – 2015	Coordinator for the University of Bari "Aldo Moro" of the Tempus IV - Tempus IV Project. - Cardiff University leading - PROJECT REFERENCE N°: 530485-TEMPUS-1-2012-1-UK-TEMPUS-JPGR titled "Building Capacity for University Management in the ENPI South region (BUCUM)".
2010 – 2013	Coordinator for the University of Bari "Aldo Moro" of the Tempus IV - Tempus IV Project. - Cardiff University leading. PROJECT REFERENCE N°: 158979-TEMPUS-1-2009-1-UK-TEMPUS-SMGR - Project Name: Leadership in Higher Education Management.
October 2009	Programme Chair of the 8th ECEL - European Conference on e-Learning, which this year is being held at the University of Bari, in Bari, Italy on 29-30 October 2009.
March 2009	Winner of the International Fellowship within the Senior Research Fellowships Program of the Internet Interdisciplinary Institute (IN3) at the Open University of Catalonia (UOC) to conduct a study on "A semantic web-based approach for dynamic e-learning - Learning Insight System - LIS Project" – June-September 2009.

2005 – 2008	Coordinator for the University of Bari of the Tempus Project JEP 24009-2003 European Project with the University of Sunderland, University of Irkutsk (Ukraine), University of Donetsk (Russia). Tempus Project Coordinator: Prof. Alfredo Moscardini.

RESPONSIBILITIES FOR SCIENTIFIC STUDIES AND RESEARCH PROJECTS ASSIGNED BY QUALIFIED PUBLIC OR PRIVATE INSTITUTIONS

From 01-07-2016 to Present - Principal Investigator of a multi-year research program (2016–present) commissioned by LUMSA University of Rome, aimed at the design and development of an integrated information system for university e-learning. The project, with an annual budget of €25,000.00, led to the development of:

- An innovative software architecture for integrated management of online teaching
- Advanced methodologies for the delivery of digital educational content
- Technological solutions for monitoring and analyzing learning processes
  The continuity and results achieved demonstrate the scientific relevance of the research within the INFO-01/A sector.

From 15-04-2024 to 31-12-2024 - Principal Investigator of a research project commissioned by the municipal company Retegas Bari (2024) for the study and implementation of an innovative digitalization system for the company's archive. The project, valued at €15,000.00, involves the analysis and development of advanced technological solutions for digital transition, with a specific focus on:

- Design of the system architecture
- Definition of protocols for data security and accessibility
- Development of innovative methodologies for digital document management
  The research aligns with the INFO-01/A sector, particularly in the fields of information systems and digital transformation.

From 21-01-2025 to Present - Principal Investigator of a research program focused on the analysis, evaluation, and development of an AI-based solution to support the business processes of GEA LUCE. The activities are structured in "work packages" (WPs):

- WP1: Adoption Level Mapping
  - Training on basic AI concepts and presentation of national/international use cases and best practices
  - Definition of goals and assessment workshops to determine maturity level and main AI application opportunities
  - Analysis and prioritization based on company data
- WP2: Technical and Economic Feasibility Study
  - Technical: process mapping, requirements definition, and technological solution design
  - Economic: business case development and evaluation of key financial indicators
- WP3: Development and Implementation of the Solution
  BUDGET: Initially €67,000.00, currently being revised to €150,000.00 to support expanded R&D activities.

SCIENTIFIC PAPERS

INTERNATIONAL JOURNALS

- Marengo, A., Santamato, V., Pagano, A., & Pange, J. (2026). From ICT to Intelligent Education: A Many-Objective Topic-Modeling Systematic Review of the Artificial Intelligence–ICT Intersection in Higher Education. *Applied Sciences*, *16*(19), 9967. https://doi.org/10.3390/app16199967
- Marengo, A., Amante, D.S.A., Pagano, A. *et al.* A systematic review of intelligent adaptive e-learning systems using LDA topic modeling and machine learning classification. *Discov Artif Intell* (2026). https://doi.org/10.1007/s44163-026-01822-y
- Pagano A, Mehrvarz M, McLaren BM, Marengo A, Santamato V (2026), "Efficiency and effectiveness of adaptive learning paths: evidence from a large-scale study". *Interactive Technology and Smart Education*, doi: 10.1108/ITSE-12-2025-0370
- V. Santamato, A. Marengo and L. Aversano, "Unveiling the Multifaceted Landscape of Biohacking: Insights From a Machine Learning-Driven Systematic Review," in *IEEE Access*, vol. 14, pp. 51391-51430, 2026, doi: 10.1109/ACCESS.2026.3679976
- Aversano, L.; Mancino, I.; Marengo, A.; Verdone, C. Comparative Analysis of Machine Learning and Deep Learning Models for Atrial Fibrillation Detection from Long-Term ECG. *Appl. Sci.* **2026**, *16*, 2390. Doi: 10.3390/app16052390
- A. Marengo, L. Aversano, A. Esposito, M. Mastroianni and V. Santamato, "Beyond Opacity: Interpretable Machine Learning for Hospital Efficiency Assessment," in *IEEE Access*, Doi: 10.1109/ACCESS.2026.3663563.
- A. Marengo and V. Santamato, "A Novel Machine Learning-Optimized Framework for Systematic Analysis of Foundation Models in Healthcare: Comprehensive Algorithm Optimization with Governance-Driven Predictive Modeling," in *IEEE Access*, doi: 10.1109/ACCESS.2025.3636388
- Marengo, A., Santamato, V., & Iacoviello, M. (2026). Smarter Hospitals: Machine Learning to Optimize Healthcare. *AI in Medicine*, *1*(1), 2. https://doi.org/10.3390/aimed1010002
- A. Marengo, V. Santamato and M. Iacoviello, "Machine Learning in Biomedical Informatics: Optimizing Resource Allocation and Energy Efficiency in Public Hospitals," in *IEEE Access*, vol. 13, pp. 142331-142357, 2025, doi: 10.1109/ACCESS.2025.3597373.
- Agostino Marengo, Alessandro Pagano, Vito Santamato (2025). A machine learning framework for soft skills assessment: Leveraging serious games in higher education. *Computers and Education: Artificial Intelligence*. Volume 9, 2025, 100469, ISSN 2666-920X, https://doi.org/10.1016/j.caeai.2025.100469.
- M. Iacoviello, V. Santamato, A. Pagano, A. Marengo (2025). Interpretable AI-driven multi-objective risk prediction in heart failure patients with thyroid dysfunction. Frontiers in Digital Health - Sec. Personalized Medicine. Volume 7. doi: 10.3389/fdgth.2025.1583399
- Marengo A. & Santamato, V. (2025). Quantum algorithms and complexity in healthcare applications: a systematic review with machine learning-optimized analysis. Frontiers in Computer Science. doi: 10.3389/fcomp.2025.1584114
- Santamato, V. & Marengo, A. (2025). Multilabel Classification of Radiology Image Concepts Using Deep Learning. Applied Sciences, 15(9), 5140. doi: 10.3390/app15095140

- Marengo A, Karaoglan-Yilmaz FG, Yılmaz R and Ceylan M (2025) Development and validation of generative artificial intelligence attitude scale for students. Frontiers in Computer Science 7:1528455. doi: 10.3389/fcomp.2025.1528455
- Agostino Marengo, A. Pagano, V. Santamato, M. Iacoviello - An efficient cardiovascular disease prediction model through AI-driven IoT technology - Computers in Biology and Medicine – doi: 10.1016/j.compbiomed.2024.109330.
- Marengo, A., Pange, P.J. (2024). Envisioning General AI in Higher Education: Transforming Learning Paradigms and Pedagogies. In: Guralnick, D., Auer, M.E., Poce, A. (eds) Creative Approaches to Technology-Enhanced Learning for the Workplace and Higher Education. TLIC 2024. Lecture Notes in Networks and Systems, vol 1150. Springer, Cham. https://doi.org/10.1007/978-3-031-72430-5_28
- Mohammadzadeh, Z., Marengo, A., Santamato, V., & Raayatpanah, M. A. (2024). Enhancing Healthcare Efficiency in Iran: A Comprehensive Analysis of Health-Oriented APIs Using Machine Learning Techniques. *InfoScience Trends*, *1*(3), 1-33. doi: 10.61186/ist.202401.01.14
- Scalera, M., Marengo, A., Barletta, V. S., Caivano, D., Dimauro, G., Pange, J. Rethinking pedagogy for Computer Architecture: A Simplified Approach to Teach a Processor (SAtTaP). Education and Information Technologies. DOI: 10.1007/s10639-024-13091-2.
- Mohammadzadeh, Z., Shokri, M., Saeidnia, H.R., Marengo, A. et al. Principles of digital professionalism for the metaverse in healthcare. BMC Med Inform Decis Mak 24, 201 (2024). https://doi.org/10.1186/s12911-024-02607-y
- Ruo Xi Huang, Alessandro Pagano, Agostino Marengo - Values-based Education for Sustainable Development (VbESD): Introducing a Pedagogical Framework for Education for Sustainable Development (ESD) using a Values-based Education (VbE) Approach – Sustainability – 2024 – DOI: dx.doi.org/10.3390/su16093562
- Agostino Marengo - Navigating the Nexus of AI and IoT: A Comprehensive Review of Data Analytics and Privacy Paradigms – Internet of Things – 2024 – DOI: 10.1016/j.iot.2024.101318
- Vito Santamato, Caterina Tricase, Nicola Faccilongo, Jenny Pange, Agostino Marengo - Machine Learning for Evaluating Hospital Mobility: An Italian Case Study – MDPI Applied Sciences – 2024 – DOI: 10.3390/app14146016
- Vito Santamato, Caterina Tricase, Nicola Faccilongo, Agostino Marengo - Healthcare performance analytics based on the novel PDA methodology for assessment of efficiency and perceived quality outcomes: a Machine Learning Approach - Expert Systems With Applications – 2024 – DOI: https://doi.org/10.1016/j.eswa.2024.124020
- Agostino Marengo, Alessandro Pagano, Jenny Pange and Kamal Soomro - The Educational Value of Artificial Intelligence in Higher Education: A Ten-Year Systematic Review of Empirical Studies – Interactive Technologies and Smart Education – 2023 - DOI: https://dx.doi.org/10.1108/ITSE-11-2023-0218
- Marengo, A. Pagano, K. A. Soomro - Serious games to assess university students' soft skills: investigating the effectiveness of a gamified assessment prototype - Interactive Learning Environments, 2023 - DOI: 10.1080/10494820.2023.2253849
- Marengo, A. Pagano – Investigating the Factors Influencing the Adoption of Blockchain Technology across Different Countries and Industries: A Systematic Literature Review - Electronics - Special Issue

"Trends and Applications in Information Systems and Technologies", 2023 - Volume 12(14), 3006. - DOI: 10.3390/electronics12143006

- T. Wang, B. D. Lund, A. Marengo, A. Pagano, N. R. Mannuru, Z. A. Teel, J. Pange - Exploring the Potential Impact of Artificial Intelligence (AI) on International Students in Higher Education:n Generative AI, Chatbots, Analytics, and International Student Success - Applied Sciences - Special Issue "ICT in Education", 2023 - Volume 13 (11), 6716 – DOI: 10.3390/app13116716
- V.S. Barletta, F. Cassano, A. Marengo, A. Pagano. J. Pange, A. Piccinno – "Switching Learning Methods during the Pandemic: A Quasi-Experimental Study on a Master Course" – Applied Sciences - Special Issue "ICT and Statistics in Education", 2022 - Volume 12 (17), 8438. – DOI: 10.3390/app12178438
- Madleňák, R., D'Alessandro, S.P., Marengo, A., Pange, J., Ivánneszmélyi, G. - Building on strategic elearning initiatives of hybrid graduate education a case study approach: MHEI-ME Erasmus+ Project - Sustainability (Switzerland), 2021, 13(14), 7675 – DOI: 10.3390/su13147675
- A. Marengo, A. Pagano, A. Barbone – "Evaluation of Student Performance in Adaptive E-Learning Processes with Active Tutorship" - International Journal of Technology Diffusion – 5(4), pp. 35-49, - 2014 –ISSN: 1947-9301 - EISSN: 1947-931X - EISBN13: 9781466657090 - DOI: 10.4018/ijtd.2014100103
- A. Marengo, A. Pagano, A. Barbone – "An assessment of customer's preferences and improve brand awareness implementation of Social CRM in an Automotive company" – International Journal of Technology Diffusion, 4(1), pp. 1-15, January-March 2013 (1) - DOI: 10.4018/IJTD, ISSN: 1947-9301, EISSN: 1947-931X
- A. Marengo, A. Pagano – "OSEL 2.0 Project – A framework for an Open Source, flexible and integrated Learning Environment on web 2.0" – IEEE Computer Society Transactions (CSIE 2009) (http://www.computer.org) – IEEE Computer Society. – ISBN: 978-0-7695-3507-4
- Nicola Capuano, Matteo Gaeta, Agostino Marengo, Sergio Miranda, Francesco Orciuoli and Pierluigi Ritrovato - "LIA: an Intelligent Advisor for e-learning" Journal on Interactive Learning Environment JILE 2008. ISBN: 1049-4820.
- A. Marengo & Altri - "The Osel Taxonomy for the classification of the Learning Objects" Interdisciplinary Journal Of Knowledge And Learning Objects (http://www.ijklo.org) IJKLO 2006. ISBN: 1552-2210.
- A. Marengo, V. Marengo - "Measuring The Economic Benefits Of E-Learning: A Proposal For A New Index For Academic Environments" Journal Of Information Technology Education JITE 2005 Vol. 4 – pages 329-346. ISBN: 1539-3585.

PROCEEDINGS IN INTERNATIONAL CONFERENCES

- Santamato, V., Esposito, D., Tricase, C., Faccilongo, N., Marengo, A., Pange, J. - Assessment of Public Health Performance in Relation to Hospital Energy Demand, Socio-Economic Efficiency and Quality of Services: An Italian Case Study (2023) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 14106 LNCS, pp. 505-522. DOI: 10.1007/978-3-031-37111-0_35
- Pange, J., Rupsiene, L., Marengo, A. - Redesigning Education Using Serious Games - Lecture Notes in Networks and Systems, 2023, 767 LNNS, pp. 427–438. DOI: 10.1007/978-3-031-41637-8_34

- Ruo Xi Huang, A. Pagano, A. Marengo - Building a Pedagogical Framework for the Education of Sustainable Development using a Values-based Education Approach – Proceedings of "2021 Third International Sustainability and Resilience Conference: Climate Change, 2021, pp.78-82. - DOI: 10.1109/IEEECONF53624.2021.9667982.
- A. Pagano, A. Marengo - Training Time Optimization Trough Adaptive Learning Strategy – Proceedings of International conference on innovation and intelligence for informatics, computing, and technologies 2021. 29-30/9/2021 – Bahrain, University of Bahrain. DOI: 10.1109/3ICT53449.2021.9582096
- A. Marengo, A. Pagano - COVID19: testing an adaptive e-learning model to evaluate online student's performance during the lockdown – Proceedings of Didamatica 2020 Smarter School for Smart Cities" – 12-13/11/2020 – AICA. pp. 168-177 – ISBN: 978-8-89-809161-4
- A. Marengo, A. Pagano - COVID19 and e-learning: the Adaptive Lockdown Prototype. - Proceedings of The 3rd International Conference on Academic Research in Science, Technology and Engineering (ICATE2020) - November 2020 - DOI: https://www.doi.org/10.33422/3rd.icate.2020.11.120
- A. Marengo, A. Pagano - Innovative Ways to Assess Soft-skills: The in-Basket Game Online Experience - Proceedings of European Conference on E-Learning (ECEL2020) – 28-30 October 2020, Berlin, Germany – pp. 325-334 – ISSN: 2048-8637 – DOI: 10.34190/EEL.20.037
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- A. Pagano – "EUD in Enterprise Open-Source Learning Environments" – IS-EUD 2011 - Proceedings of Third International Symposium on End-User Development - June 7-10, 2011 - Hotel del Levante, Torre Canne (Brindisi), Italy – M.F. Costabile et al. (Eds.) LNCS 6654 pp. 363 – 366 – Springer Verlag Berlin Heidelberg 2011 – ISBN 978-3-642-21529-2 - DOI: 10.1007/978-3-642-21530-8_41 - EID: 2-s2.0-79959980766
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- A. Marengo, V. Marengo, A. Pagano - "Analysis of Web Intelligent Agent LIS as support for e-learning courses" - Proceedings of Hawaii International Conference on Education - Honolulu 7- 10 January 2010 (HICE 2010) - Digital Proceedings - ISSN: 1541-5880

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- A. Marengo, A. Pagano – "The Osel 2.0 Project: a Framework for an Open Source, flexible and integrated Learning Environment on Web 2.0" - Proceedings of International Conference on Education and New Learning Technologies (Edulearn 2009), July 2009, Barcelona, Spain. - ISBN: 978-84-612-9801-3 (abstracts) - ISBN: 978-84-612-9802-0
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- ITI 2007 – Information Technology Interfaces - Cavtat (Croazia) 25-28 Giugno 2007 A. Marengo & Altri "Integrating systems to enhance learning environments in Academia-Case study at University of Bari". ISBN: 9789-53-7138-09-7.
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PROCEEDINGS IN NATIONAL CONFERENCES

- A. Marengo, A. Pagano – "Il Progetto Opencube: Open Source, Open Knowledge, Open Learning" – Proceedings of MoodleMoot IV Edizione Italia Bari, 2-3 Luglio 2010 – WIP Edizioni – ISBN 978-88-8459-162-3.
- M. Baldassarre, A. Marengo, A. Pagano – "Progettazione e sperimentazione di un ambiente multimediale per la formazione modulare e flessibile" – Proceedings of Didamatica 2008. Taranto 28-30 Aprile, 2008 - A. Andronico, T. Roselli, V. Rossano, DIDAMATICA 2008, ISBN: 978-88-8231-456-9

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- A. Pagano, A. Marengo. – "Open Source Software impact on Educational Business Models Case of Study: development of an I(ntelligent) E-Learning Framework". – Open-Source and Freeware Solutions in Education: in Theory and in Practice – Informing Science Press 4/2010 – pp. 21/46 – EAN: 978-1932886269.

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- Informatics – McgrawHill Education. Dennis Curtin, Kim Foley, Kunal Sen, Cathy Morin, Agostino Marengo, Alessandro Pagano 2021. (ISBN-10: 8838698767 - ISBN-13: 978-8838698767)

Part 2 – Teaching Activities

UNIVERSITY TEACHING ACTIVITIES

Holder of the following teachings at the University of Foggia

Teaching assignments

Since 24/25 today	Fondamenti di Informatica e Sistemi Informativi – (9 CFU) Corso di Laurea Triennale in Ingegneria per la Trasformazione Digitale – Department of Agricultural Sciences, Food, Natural Resources, and Engineering
Since 2021/22 to 23/24	Big Data Analytics and Text Mining – (8 CFU) Master's Degree in Innovation and Communication (LM91) - Department of Economics, Management, and Territory
Since 2021/22	Laboratory of Computer Science Applied to Education - (6 CFU) Bachelor's Degrees in Modern Literature, Classical Literature, Educational Sciences – Department of Humanities Studies
Since 2021/22	Computer Science - (3 CFU) Bachelor's Degree in Sports Science - Department of Humanities Studies

Holder of the following teachings at the University of Bari ALDO MORO

Teaching assignments

2011/12 – 2021/22	"Computer Science" (3 CFU) for the Master's Degree in Economics. President of the Examination Board.
2011/12 – 2021/22	"Computer Science and Information Systems" (9 CFU) for the Bachelor's Degree in Statistical Sciences. President of the Examination Board.
2009/10 – 2011/12	"Computer Architectures for Services" for the Master's Degree in Computer Science – Faculty of Sciences MM. FF. NN. President of the Examination Board.

2004/5 – 2012/13	"Computer Science" for the Master's Degree in Languages – Faculty of Foreign Languages and Literatures. President of the Examination Board.
2004/5 – 2012/13	"Advanced Computer Skills" for the Master's Degree in Languages – Faculty of Foreign Languages and Literatures. President of the Examination Board.
2004/5 – 2012/13	"Basic Computer Skills" for the Bachelor's Degree in Languages – Faculty of Foreign Languages and Literatures. President of the Examination Board.
2004/5 – 2007/8	"Databases" for the Degree in Economics and Commerce, Bari branch of the Faculty of Economics, University of Bari. President of the Examination Board.
2004/5 – 2010/11	"Information & Communication Technology" for the Master's Degree in "Marketing", Bari branch of the Faculty of Economics, University of Bari. President of the Examination Board.
2006/7 – 2010/11	"Computerized Management Systems" for the Master's Degree in Business Administration and Consulting, Brindisi branch of the Faculty of Economics, University of Bari. President of the Examination Board.
2004/5 – 2010/11	"Computer Science and Information Systems" common course for the Degrees in Economics and Commerce, Business Economics, Marketing and Communication, Bari branch of the Faculty of Economics, University of Bari. President of the Examination Board.
2006/7 – 2010/11	"Computer Science and Information Systems" for the Degree in Economics and Commerce, Brindisi branch of the Faculty of Economics, University of Bari. President of the Examination Board.
2006/7 – 2010/11	"Computer Techniques for Economic Analysis" for the Degree in Economics and Commerce, Economics Finance and Computer Science Curriculum, Bari branch of the Faculty of Economics, University of Bari. President of the Examination Board.

Holder of the following teachings at the LUMSA University – ROME

Teaching assignments

Since 2014/15	"Computer Management of Business Data" (9 CFU) of the Bachelor's Degree in Business and Banking Economics. Department of Economic, Political and Modern Language Sciences - President of the Examination Board.

INTERNATIONAL TEACHING EXPERIENCES

July 2012	Fellow Lecturer at the University of Wroclaw (PL) for the Master in European Project Management – ICT Security.
2020 – 2021	Fellow Lecturer of the Erasmus+ KA 2.03 Project "Integrated RPL & APEL Level 6 Accredited Online Programme for Entrepreneurs - ARPEL". PROJECT REFERENCE N°: KA203-4C5AD9B2.

2018 – 2021	Fellow Lecturer of the Erasmus+ KA 2.03 Project "Multiple Higher Education Institutions – Master in Entrepreneurship MHEI-ME". PROJECT REFERENCE N°: 2017-1-MT01-KA203-026960.

Part 3 – Institutional Activities

INSTITUTIONAL ACTIVITIES AND THIRD MISSION ACTIVITIES

Since 2024 — Mamber representative for the University of Foggia in the "Commissione per l'applicazione dell'AI alla PA" – Regione Puglia

Since 2009 — President and Legal Representative, since March 2009, of OSEL Consulting Srl (http://www.osel.it) – e-learning Spin Off Company of the University of Bari "ALDO MORO".

Below are some activities as examples and not exhaustive:

Since 2017 — Project Manager for Osel SRL in the "Brembo Data Protection" project which includes the production and delivery of a course made in bespoke e-learning mode and software simulation for the training of employees of the Brembo company, operating in the industrial production sector.

Since 2016 — Project Manager for Osel SRL in the "House of Sky" project which includes the production and delivery of a multimedia "business game" video game and the development of a gamification platform aimed at training sales staff for the Sky company, operating in the telecommunications sector.

Since 2016 — Project Manager for Osel SRL in the "Vodafone Dealer Privacy" project which includes the production and delivery of multimedia training modules made in bespoke e-learning mode for the training of staff in sales points. The project is included in the training activities of the Vodafone company operating in the telecommunications sector.

Since 2016 — Project Manager for Osel SRL in the "Brembo Code of Ethics" project which includes the production and delivery of multimedia training modules made in liquid e-learning mode for in-company staff training. The project is included in the training activities of the Brembo company operating in the industrial production sector.

Since 2016 — Project Manager for Osel SRL in the software management development project for the "LIDL Training Management" project which includes the design and development of classroom training management software for LIDL, a company operating in the large-scale retail sector.

Since 2016 — Project Manager for Osel SRL in the "Wittur - Compliance" project which includes the production and delivery of multimedia training modules made in bespoke e-learning mode for in-company staff training. The project is included in the training activities of the Wittur company operating in the industrial production sector.

Since 2015 — Project Manager for Osel SRL in the "Intercultural Competence" project which includes the production and delivery of multimedia training modules made in bespoke e-learning mode for in-company staff training. The project is included in the training activities of the Intesa Sanpaolo Group Service company operating in the banking sector.

Since 2015 — Project Manager for Osel SRL in the "International Banking Guarantees" project which includes the production and delivery of multimedia training modules made in bespoke e-learning mode for in-company staff training. The project is included in the training activities of the Intesa Sanpaolo company operating in the banking sector.

Since 2015	Project Manager for Osel SRL in the "Sematic Basics On" project which includes the production and delivery of multimedia training modules made in bespoke e-learning mode for technical training of company staff. The project is included in the training activities of the company Sematic s.r.l. operating in the production of components for elevators and lifts.
Since 2015	Project Manager for Osel SRL in the "Valentino e-training After Sales" project which includes the production and delivery of multimedia training modules made in bespoke e-learning mode and interactive software simulation. The project is included in the training activities of the boutiques and branches of Valentino s.p.a. for the training of sales staff.
Since 2014	Project Manager for the University of Bari in the development project of a distance learning platform to support the courses offered by the Department of Economic Sciences and Mathematical Methods of the University of Bari "Aldo Moro". economia.osel.it.

Foggia, May 20, 2024

Agostino Massimo Marengo