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SHORT BIO: Associate Professor of Management Science & Engineering at the Department of Engineering for Innovation (DEfI) of the University of Salento (Italy). Research Partner at ENGIN/UFSC Federal University of Santa Catarina (Brazil). Innovation Manager at the Italian Ministry of Economic Development (MISE). Scientific Committee and Board Member of the Italian Association for Total Cost Management (AICE). Editorial Board of Business Horizons. Review Board of more than twenty international journals. Twenty-five years of teaching, research and consulting experience at national and international level in academic and industrial contexts. Expertise on human resources management and analytics, collective intelligence systems, digital transformation, emergency management, technology entrepreneurship. More than 120 research works in international conferences and leading journals. Author of 5 manuals on business engineering, process and project management. Scientific coordinator of a MUR-funded (Italian Ministry) research project HUMANWISE on human resource analytics, and CITYBLE on two-sided citizen analytics. Coordinator of European consortia for Horizon Europe project development in the areas of crisis and emergency management. Vice-Chair of EU COST Action HUMAN-IT. Visiting scholar at the Center for Digital Business of MIT Sloan (USA), Research affiliate at the Center for Collective Intelligence of MIT Sloan, Visiting researcher at PKU - Peking University (China).

ACADEMIC POSITION

- 2021-Today: Associate Professor & Senior Researcher, Dep. of Engineering for Innovation (DEfI) - University of Salento (Italy), www.unisalento.it

EDUCATION

- 2011 Entrepreneurship Development Program (EDP), Massachusetts Institute of Technology (MIT) Sloan, Cambridge (USA)
- 2006 Doctoral Degree (PhD) in Digital Business, e-Business Management Section (eBMS) ISUFI, University of Salento (Italy)
- 2001: Degree on Management and Finance, Faculty of Economics, University of Salento (Italy)

VISITING

- 2020-Today Research Associate, Knowledge Engineering Department of UFSC – Federal University of Santa Catarina (Brazil)
- 2015 Research Affiliate at the Center for Collective Intelligence (CCI), MIT Sloan School of Management, Cambridge (USA).
- 2014 Visiting Scholar at the Department of Psychology - Peking University (China)
- 2006 Visiting PhD at the Center for Digital Business (CDB), MIT - Sloan School of Management, Cambridge (USA)

INTERNATIONAL COOPERATION

- Vice-Chair and MC of HUMAN-IT - Disruptive Innovation and Exponential HRM: Crafting Next-Gen Employee Experience, Workplace, Job Market (EU COST Action OC-2024-1-28170)
- Main Proponent and Network Coordinator in EM-SPACE - Applying Coordination Science to Enhance Emergency Management Systems and Response Space - (EU COST Action OC-2025)
- Main Proponent and Network Coordinator in COORDINACT (A Distributed Coordination Space to Build Multi-Layer Citizen Preparedness within Differentiated Emergency Scenarios), Horizon Europe "Disaster-Resilient Society 2025 (HORIZON-CL3-2022-DRS-01)"

SELECTED PUBLICATIONS

- Margherita, A., Elia, G., Solazzo, G., Gatti, L., & Poorterman, A. (2025). Collaborative Crisis Management: A Coordination Science Framework to Enhance Stakeholder Responses to Emergencies. IEEE Transactions on Engineering Management.
- Margherita, A., Espindola, A., & de Sá Freire, P. (2024). Digital Transformation and Green Operations: A Successful Entrepreneurial Journey at Portobello Shop. IEEE Transactions on Engineering Management.
- Margherita A, Raguseo E, Ndou V, Secundo G, Marasco A (2024) "Digital leadership: A new management and entrepreneurship development roadmap", Business Horizons (in press).

- Elia, G., Ghiani, G., Manni, E., Margherita, A. (2024). "A system for anomaly detection in reverse logistics: an application into an e-commerce company", Measuring Business Excellence. (in press).

- Margherita, A., Elia, G., & Petti, C. (2022) What Is Quality in Research? Building a Framework of Design, Process and Impact Attributes and Evaluation Perspectives. Sustainability, 14(5), 3034.

- Elia, G., Margherita, A., Massaro, A., & Vacca, A. (2022) Adoption of open innovation in the COVID-19 emergency: developing a process-based information coordination system. Business Process Management Journal.

- Margherita, A., Nasiri, M., & Papadopoulos, T. (2021) The application of digital technologies in company responses to COVID-19: an integrative framework. Technology Analysis & Strategic Management, 1-14.

- Elia, G., Margherita, A., Ciavolino, E., & Moustaghfir, K. (2021) Digital Society Incubator: Combining Exponential Technology and Human Potential to Build Resilient Entrepreneurial Ecosystems. Administrative Sciences, 11(3), 96.

- Secundo G, Elia G, Margherita A, Leitner K-H (2021) "Strategic decision making in project management: a knowledge visualization framework", Management Decision (forthcoming).

- Margherita A, Verrill, D (2021) "Elevator Pitch Assessment Model: A Systematization of Dimensions in Technology Entrepreneurship Presentations", IEEE Transactions on Professional Communication (forthcoming).

- Elia G, Margherita A (2021) "A conceptual framework for the cognitive enterprise: pillars, maturity, value drivers", Technology Analysis & Strategic Management, in press [DOI: 10.1080/09537325.2021.1901874].

- Margherita A, Heikkilä M (2021) "Business continuity in the COVID-19 emergency: A framework of actions undertaken by world-leading companies", Business Horizons, 64, 683-695 [https://doi.org/10.1016/j.bushor.2021.02.020].

- Margherita A, Elia G, Klein M (2021) Managing the COVID-19 emergency: A coordination framework to enhance response practices and actions. Technological Forecasting and Social Change, 166, 120656 [DOI: 10.1016/j.techfore.2020.120565].

- Margherita A (2021) "Human resources analytics: A systematization of research topics and directions for future research", Human Resource Management Review, 100795 (in press) [https://doi.org/10.1016/j.hrmr.2020.100795].

- Elia G, Margherita A, Secundo G (2020) "Project management canvas: a systems thinking framework to address project complexity", International Journal of Managing Projects in Business, 14(4), 809-835 [DOI: 10.1108/IJMPB-04-2020-0128].

- Elia G, Margherita A, Petti C. (2020) "Building responses to sustainable development challenges: A multistakeholder collaboration framework and application to climate change", Business Strategy and the Environment, 29(6), 2465-2478 [DOI: 10.1002/bse.2514].

- Margherita A, Sharifi H, Caforio A (2020) "A conceptual framework of strategy, action and performance dimensions of organisational agility development", Technology Analysis & Strategic Management, 33(7), 1-14, (in press) [https://doi.org/10.1080/09537325.2020.1849611].

- Elia G, Margherita A, Passiante G (2020) Management engineering: A new perspective on the integration of engineering and management knowledge, IEEE Transactions on Engineering Management, 68(3), 881-893 [DOI: 10.1109/TEM.2020.2992911].

- Elia G, Margherita A, Passiante G. (2020) "Digital entrepreneurship ecosystem: How digital technologies and collective intelligence are reshaping the entrepreneurial process", Technological Forecasting and Social Change, 150, 119791 [DOI: 10.1016/j.techfore.2019.119791].

- De Luca M, Margherita A, Passiante G (2019) "Crowdfunding: a systemic framework of benefits", International Journal of Entrepreneurial Behavior and Research, 25(6), 1331-1339 [https://doi.org/10.1108/IJEBR-11-2018-0755].

- Petti C, Tang Y, Margherita A (2019) "Technological innovation vs technological backwardness patterns in latecomer firms: An absorptive capacity perspective", Journal of Engineering and Technology Management - JET-M, 51, 10-20 [https://doi.org/10.1016/j.jengtecman.2019.02.002].

- Elia G, Margherita A (2018) "Can we solve wicked problems? A conceptual framework and a collective intelligence system to support problem analysis and solution design for complex social issues", Technological Forecasting and Social Change, 133: 279-286 [DOI: 10.1016/j.techfore.2018.03.010].

- Elia G, Margherita A (2018) "Assessing the maturity of crowdventuring for corporate entrepreneurship", Business Horizons, 61: 271-283 [DOI: 10.1016/j.bushor.2017.11.008].

- Elia G, Li X, Margherita A, Petti C (2017) "Human-oriented corporate entrepreneurship", European Business Review, 29(4): 386-401 [DOI: 10.1108/EBR-12-2015-0169].

- Elia G, Margherita A, Petti C (2016) "An operational model to develop technology entrepreneurship ego-system", International Journal of Innovation and Technology Management, 13(5): 1-23 1640008 [DOI: 10.1142/S0219877016400083].

- Elia G, Margherita A (2015) "Next-generation human resource management: a system for measuring and visualising professional competencies", International Journal of Human Resources Development and management, 15(1): 1-15 [DOI: 10.1504/IJHRDM.2015.069975].

- Margherita A (2014) "Business process management system and activities: two integrative definitions to build an operational body of knowledge", Business Process Management Journal, 20(5): 642-662 [https://doi.org/10.1108/BPMJ-04-2013-0050].

- Margherita A, Elia G, Secundo G, Passiante G (2013) "Sustainable mobility: an integrative framework and its application for new service design", International Journal of Technology Management and Sustainable Development, 11(1): 31-49 [DOI: 10.1386/tmsd.11.1.31_1].

- Calabrese F, Corallo A, Margherita A, Zizzari A (2012) "A knowledge-based decision support system for shipboard damage control", Expert Systems with Applications, 39: 8204-8211 [https://doi.org/10.1016/j.eswa.2012.01.146].

- Elia G, Margherita A, Moustaghfir K, Secundo G (2011) "An activation process for entrepreneurial engineering education: the model and application", Journal of Enterprising Culture, 19(2): 1-22 [DOI: 10.1142/S0218495811000738].

- Margherita A, Secundo G (2011) "The stakeholder university as learning model of the extended enterprise", Journal of Management Development, 30(2): 175-186 [https://doi.org/10.1108/02621711111105768].
- Margherita A, Petti C (2010) "ICT-enabled and process-based change: an integrative roadmap", Business Process Management Journal, 16(3): 473-491 [https://doi.org/10.1108/14637151011049458].
- Corallo A, Lazoi M, Margherita A, Scalvenzi M (2010) "Optimizing competence management processes: a case in the aerospace", Business Process Management Journal, 16(2): 297-314 [https://doi.org/10.1108/14637151011035615].
- Corallo A, Margherita A, Scalvenzi, Storelli D (2010) "Building a process-based organization: the design roadmap at Superjet International", Knowledge and Process Management, 17(2): 49-61 [DOI:10.1002/kpm.340].
- Secundo G, Margherita A, Elia G, Passiante G (2010) "Intangible assets in higher education: mission, performance or both?", Journal of Intellectual Capital, 11(2): 140-157 [DOI: 10.1108/14691931011039651].
- Margherita A, Secundo G (2009) "Density, diversity, openness and speed: Is management development aligned?", Journal of Management Development, 28(10): 933-944 [DOI:10.1108/02621710911000686].
- Corallo A, Laubacher RJ, Margherita A, Turrisi G (2009) "Enhancing product development through knowledge based engineering (KBE): a case study in the aerospace industry", Journal of Manufacturing Technology Management, 20(8): 1070-1083 [DOI: 10.1108/17410380910997218].
- Margherita A, Klein M (2007) "An e-handbook for designing and implementing a benchmarking project", International Journal of Process Management and Benchmarking, 2(1): 10-28 [https://doi.org/10.1504/IJPMB.2007.013315].
- Margherita A, Klein M, Elia G (2007) "Metrics-based process redesign with the MIT Process Handbook", Knowledge and Process Management Journal, 14(1): 46-57 [DOI: 10.1002/kpm.269].

EDITORIAL BOARD

- Board of Business Horizons (Elsevier: ISSN 0007-6813)
- Editorial Guest Editor for Project Management Journal, Business Horizons, Human Resource Management.
- Review Board for Business Process Management Journal (Emerald, ISSN: 1463-7154), Expert Systems with Applications (Elsevier, ISSN: 0957-4174), Human Resource Management Review (Elsevier, ISSN: 10534822), Information Sciences (Elsevier, ISSN: 0020-0255), International J. of Entrepreneurial Behaviour and Research (Emerald, ISSN: 1355-2554), Journal of Manufacturing Technology Management (Emerald, ISSN: 1741-038x), Knowledge Management Research & Practice (Palgrave, ISSN: 1477-8246), Management Decision (Emerald, ISSN: 0025-1747), Personnel Review (Emerald, ISSN: 0048-3486), Technological Analysis and Strategic Management (Taylor & Francis, ISSN: 1465-3990), Technological Forecasting and Social Change (Elsevier, ISSN: 0040-1625), Technovation (Elsevier, ISSN: 0166-4972), and many others.

PROJECT MANAGEMENT and LEADERSHIP

- Principal Investigator HUMANWISE ("a HUMan resources ANalytics Dashboard to support post-emergency Workforce policy design, Industry continuity, and System resiliencE") - MIUR FISR (FISR2020IP_02699_HUMANWISE).
- Unit Coordinator "CITYBLE ("Developing Two-Sided Citizen Analytics for the Sustainable Digital Society") - MUR – PRIN Progetti di ricerca di Rilevante Interesse Nazionale 2022 (2022XLC85S).

PROJECT PARTICIPATION (selection)

- EASYPAL "Ecosistemi e Servizi Digitali in Cloud per i Cittadini e la PA Locale" – POR Puglia FESR INNOLABS
- FARMA4ALL "Erogazione di Servizi Innovativi da parte delle Farmacie a supporto della salute e del wellness" - POR Puglia FESR
- ENTICE "Explaining the Nature of Technological Innovation in Chinese Enterprises" - EU FP7
- VINCENTE "Un Ambiente Virtuale di C.I. per lo Sviluppo di Ecosistemi per l'imprenditorialità Tecnologica Sostenibile" – PON
- CRESCENDO "Collaborative & Robust Engineering using Simulation Capability Enabling Next Design Optimization" - FP7-AAT
- i-DESIGN Foundation "Metodologie e Tecnologie a Supporto dell'Inn. nello SNP in un Value Network Aeronautico" - FAR
- X@WORK "eXperience at Work - Ambiente di Lavoro Collaborativo a Supporto dello SNP Aerospaziale" – FAR
- TEKNE "Toward Evolving Knowledge-based interNetworked Enterprise" - FIRB
- JRL "Joint Research Lab, Laboratorio di Ricerca Congiunto su e-Business Solutions" - FIRB
- eLF@MED "eLearning distributed Framework for MEDiterranean countries" - FIRB

MEMBERSHIP

- IEEE - Institute of Electrical and Electronics Engineers
- AOM – Academy of Management
- AHRD - Academy of Human Resource Development
- PMI – Project Management Institute
- AiIG – Associazione Italiana di Ingegneria Gestionale
- SIMA – Società Italiana di Management

- AICE - Associazione Italiana di Ingegneria Economica

UNIVERSITY COURSES (UNISALENTO)

- 2022-2025 "Project Management", DEfI - University of Salento
- 2021-2025 "Laboratory of Management", DEfl - University of Salento
- 2014-2025 "Technological Entrepreneurship", DEfl - University of Salento
- 2008-2025 "Management Systems", DEfl - University of Salento
- 2005-2009 "Global Management", DEfI - University of Salento

OTHER UNIVERSITIES

- 2006-2025: Many courses on project management, business performance, new product development, business process management, digital innovation, technology venturing and emergency management in Master's and industrial training programs (e.g. MIB School of Management, AFORISMA, LUM, University of Bari)
- 2008-2025: Master, PhD and executive courses and customized teaching and coaching initiatives for national and international partners such as SUPSI, PMI - Project Management Institute, UFSC - Università di Santa Caterina (Brazil), The QUBE, Acciaierie d'Italia (AdI), EMLyion Business School, CBS - Copenhagen Business School, Al Akhawayn University (Morocco), Finmeccanica "Leonardo" Group, University of Santiago de Chile

OTHER INFORMATION

- 2011-2025 Consulting activities on behalf of the University of Salento and in independent roles with different institutions and companies
- Founder of start-up SKILL-ID (2015-2017), Consulting and Solutions for Digital HRM.
- Owner of Patent for Innovative System for Wood Pellet Filtering), Patent Registration Application N. LE2012A000003.

Lecce, Italy – August 2025

Alessandro Margherita