

**Curriculum Vitae
in formato
Europeo**

***European
Curriculum Vitae
Format***

**Informazioni personali
*Personal information***

Nome e Cognome
Name and surname FRANCESCO PAOLO APPIO

Attuale
Amministrazione di
appartenenza
*Current
Administration* Università degli Studi di Messina
University of Messina

Attuale responsabilità
*Current occupation or
position held* FULL PROFESSOR at PARIS SCHOOL OF BUSINESS

Contatti
Contacts f.appio@psbedu.paris

**Esperienza lavorativa
*Work-experience*** Full Professor, full time, Paris School of Business

Dal 01/01/2023 al ongoing
From ... to... Developing curricula and delivering course material
Conducting research, fieldwork, and investigations, and writing up reports
Publishing research, attending conferences, delivering presentations, and
networking with others in the field
Traveling to other universities or academic settings to participate in learning
opportunities and gain experience1Summary of tasks, functions and
responsibilities

	<i>Sintesi di compiti, funzioni e responsabilità</i>
<i>Dal ...al...</i>	<i>Summary of tasks, functions and responsibilities</i>
<i>From ... to...</i>	
	<i>Sintesi di compiti, funzioni e responsabilità</i>
<i>Dal ...al...</i>	<i>Summary of tasks, functions and responsibilities</i>
<i>From ... to...</i>	
	<i>Altri incarichi</i>
	<i>Other assignments</i>
Istruzione e formazione	<i>PhD in Management (Scuola Superiore Sant'Anna), 2013</i>
Education and training	
	<i>MSc in Management Engineering (Politecnico di Bari), 2009</i>
Madrelingua	Italian
Mother tongue	
Altre competenze	
Linguistiche	<i>French (B1), English (C1)</i>
Other languages	B
Allegati	<i>All.1: Microsoft Office Suite; STATA; VOSviewer</i>
	<i>All. 2: Partecipazione a convegni e seminari</i>
Attachments	B.1 ANNOSI M.C., APPIO F.P., BRUNETTA F. (2021), "Integrating intuition and rationality in the strategic decision-making process: Evidence from MNCs", 2021 AOM Annual Meeting
	B.2 GASTALDI L., APPIO F.P., CORSO M., TABUCCHI D., BUGANZA T. (2021), "Digital platforms and complementors: An empirical analysis based on YouTube", 28TH IPDMC: INNOVATION AND PRODUCT DEVELOPMENT MANAGEMENT CONFERENCE, Milan, Italy
	B.3 DONATO A., CESARONI F., APPIO F.P., BAGLIERI D. (2019), "Where do radical innovations come from? The case of nanotech", RADMA Conference 2019, Paris, France
	B.4 APPIO F.P., MESSENI PETRUZZELLI A. (2018), "Searching in ICT, finding in biology: using DNA to store digital data", 2nd International conference on exaptation and inverse question-driven innovation, Gargnano, Italy
	B.5 APPIO F.P., MARTINI A., MATTEUCCI G. (2018), "Accomplishing technological simplicity: myth or reality?", RADMA Conference 2018, Milan, Italy
	B.6 APPIO, F.P., MESSENI PETRUZZELLI, A., VAN LOOY, B. (2017),

“Solving the puzzle of the DNA structure: Unveiling the microfoundations of capabilities in scientific breakthrough discoveries”, RADMA Conference 2018, Milan, Italy

B.7 YOON D., APPIO F.P., JANG S. (2017), “Knowledge externalities, economic centralization, and job creation”, 77th Annual Meeting of the Academy of Management, Atlanta, USA

B.8 VERHOEVEN D., APPIO F.P., LOPES-BENTO C., DECOCK K., ANCKAERT P.-E., GIGENA M., VAN LOOY B. (2017), “Some Inventions are More Equal than Others: Assessing and Developing Patent Indicators that Signal Radical Inventions”, RADMA 2017, Leuven, Belgium

B.9 APPIO F.P., BRESCIA V., MARTINI A. (2016), “Does geographical proximity matters for innovation? The case of European regions”, CINet conference 2016, Turin, Italy

B.10 APPIO F.P., GUZMAN J., STERN S., MARTINI A. (2016), “Placecasting and nowcasting in the Spanish entrepreneurial ecosystem”, CINet conference 2016, Turin, Italy

B.11 APPIO F.P., MARTINI A., CAMPATELLI G. (2016), “Exploring the interplay of the science and technology in the developments of hybrid industries: a patent-based analysis of the Bioinformatics industry”, IRMBAM 2016, Nice, France

B.12 APPIO F.P., BAGLIERI D., CESARONI F., MARTINI A. (2016), “Knowledge recombination and the development of radical innovations: preliminary evidence from Nanotechnologies”, RADMA 2016, Cambridge, UK

B.13 ALFEO A.L., APPIO F.P., CIMINO M.G.C.A., LAZZERI A., MARTINI A., VAGLINI G. (2016), “An adaptive stigmergy-based system for evaluating technological indicator dynamics in the context of smart specialization”, 5th International Conference on Pattern Recognition Applications and Methods – Rome, Italy February 24-26, 2016

B.14 CESARONI F., APPIO F.P., BAGLIERI D., MARTINI A. (2015), “Knowledge Sources and Value Creation in Emerging Technologies: the Case of Graphene”, 3rd iBEGIN Conference, Fox School of Business, Temple University, Philadelphia PA, USA

B.15 TUVERI A., DE LUCA L.M., APPIO F.P., MARTINI A., MORGAN R. (2015), “Patent portfolio diversity and firm profitability: a study on the form of the relationship” CINet Conference 2015, Stockholm, Sweden

B.16 GASTALDI L., APPIO F.P., RAGUSEO E., NEIROTTI P., MARTINI A., CORSO M., PAOLUCCI E. (2015), “To change work is to change twice: an empirical investigation of new working configurations” CINet conference 2015, Stockholm, Sweden

B.17 APPIO F.P., MARTINI A., APREDA R., FANTONI G. (2015), “Scientific Inspiration, Technological Perspiration: A Longitudinal Patent-Based Analysis of the Bioinformatics Industry”, CINet conference 2015, Stockholm, Sweden

B.18 APPIO F.P., BAGLIERI D., CESARONI F., MARTINI A. (2015), “The interplay of science and technology in shaping the patenting activity of top companies in the nanotech industry” CINet conference 2015, Stockholm, Sweden

B.19 APPIO F.P., MARTINI A., APREDA R., FANTONI G. (2015), “Characterizing the knowledge base of the Bioinformatics industry: a longitudinal patent-based analysis” RADMA Conference 2015, Pisa, Italy

- B.20** APPIO F.P., BAGLIERI D., CESARONI F., MARTINI A. (2015), “The interplay of science and technology in shaping the patenting activity of top companies in the nanotech industry” RADMA Conference 2015, Pisa, Italy
- B.21** PERETTI A., CALLERT J., APPIO F.P., MARTINI A., VAN LOOY B. (2015), “Technological Specialization: a pathway to wealth creation?” RADMA Conference 2015, Pisa, Italy
- B.22** ARTS S., APPIO F.P., BAKKER J., GIGENA M., VAN LOOY B., VERHOEVEN D., VEUGELERS R. (2014), “Some inventions are more equal than others: assessing and developing patent indicators that signal radical inventions”, IP Statistics for Decision Makers, OECD (Poster Session)
- B.23** APPIO F.P., APREDA R., FANTONI G., MARTINI A. (2014), “At the roots of an interdisciplinary radical innovation: preliminary insights from the patenting activity in the Bioinformatics industry”, CINet Conference 2014, Budapest, Hungary
- B.24** APPIO F.P., MARTINI A. (2013), “Inviting strangers to get radical innovation: the Diversity Dilemma”, CINet Conference 2013, Nijmegen, The Netherlands
- B.25** PICCALUGA A., DI MININ A., APPIO F.P., CORSI S., LAZZERI F. (2013), “Exploring Prometheus Gifts: a case of co-creation and co-development”, R&D Management Conference 2013, Manchester, UK
- B.26** DI MININ A., APPIO F.P. (2012), “Customer-driven co-development: a fast-track to radical innovation in B2B”, 2nd Tilburg Conference on Innovation, Tilburg, The Netherlands
- B.27** APPIO F.P., LAZZERI F., CORSI S., DI MININ A. (2012), “Collaborative creation and development with customers: the case of Ansaldo Energia”, 10th International Workshop “Open and User Innovation”, Boston (Harvard Business School), USA. Also presented at 9th Conference of the Italian Chapter of AIS, Rome, Italy
- B.28** ARTS S., APPIO F.P., VAN LOOY B. (2012), “Validating Patent Indicators that Assess Technological Radicalness: The Case of Biotechnology”, 17th International Conference on Science and Technology Indicators, Montréal, Canada
- B.29** APPIO F.P., ACHICHE S., MCALOONE T.C., DI MININ A. (2011), “Understanding managers decision making process for tools selection in the Core Front End of Innovation”, 18th International Conference on Engineering Design, Lyngby, Denmark
- B.30** APPIO F.P., ACHICHE S., DI MININ A., MCALOONE T.C. (2011), “Influence of Tools Input/Output Requirements on Managers Core Front End Activities in New Product Development”, 18th International Product Development Management Conference, Delft, Netherlands
- B.31** ACHICHE S., APPIO F.P. (2010), “Fuzzy Decision Support in the Early Phases of the Fuzzy Front End of Innovation in Product Development”, 30th ASME International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, Montreal, Quebec

All. 3 Redazione di pubblicazioni (elenco o link all'editore)

- A.1** APPIO F.P., BRORING S., SICK N., LEE S., MORA L. (2023), “Deciphering Convergence: Novel insights and future ideas on science, technology and industry convergence”, *IEEE Transactions on Engineering Management*, forthcoming.
- A.2** ANNOSI M.C., RAEZ R.O., APPIO F.P., DEL GIUDICE T. (2022), “An integrative review of innovations in the agricultural sector: The role of agency, structure, and their dynamic interplay”, *Technological*

Forecasting and Social Change, 185: 122035.

A.3 APPIO F.P., BAGLIERI D., CESARONI F., SPICUZZA L., DONATO A. (2022), "Patent Designing Strategy: Empirical Evidence from European Patents", *Technological Forecasting and Social Change*, 181: 121776.

A.4 DONATE M.J., GONZALES-MOHINO M., APPIO F.P., BERNHARD F. (2022), "Dealing with knowledge hiding to improve innovation capabilities in the hotel industry: The unconventional role of knowledge-oriented leadership", *Journal of Business Research*, 144: 572-586.

A.5 MICHAUD T., APPIO F.P. (2022), "Envisioning Innovation Opportunities through Science Fiction", *Journal of Product Innovation Management*, 39(2): 121-131.

A.6 APPIO F.P., FRATTINI F., MESSENI PETRUZZELLI A., NEIROTTI P. (2021), "Digital transformation and innovation management: a synthesis of existing research and an agenda for future studies", *Journal of Product Innovation Management*, 38(1): 4-20.

A.7 ARDITO L., NATALICCHIO A., APPIO F.P., MESSENI PETRUZZELLI, A. (2021), "The role of scientific knowledge within inventing teams and the moderating effects of team internationalization and team experience: Empirical tests into the aerospace sector", *Journal of Business Research*, 128: 701-710.

A.8 MORA L., DEAKIN M., ZHANG X., BATTY M., DE JONG M., SANTI P., APPIO F.P. (2021), "Assembling Sustainable Smart City Transitions: An Interdisciplinary Theoretical Perspective", *Journal of Urban Technology*, 28(1-2): 1-27.

A.9 LEONE D., SCHIAVONE F., APPIO F.P., CHIAO B. (2021), "How does artificial intelligence enable and enhance value co-creation in industrial markets? An exploratory case study in the healthcare ecosystem", *Journal of Business Research*, 129: 849-859.

A.10 PIPITONE F., ACHICHE S., APPIO F.P., MARTINI A. (2019), "Building an ANFIS-based Decision Support System for Regional Growth: The Case of European Regions", to be submitted to *IEEE Transactions on Engineering Management*, 68(3): 838-852.

A.11 APPIO F.P., LEONE D., PLATANIA F., SCHIAVONE F. (2020), "Why are rewards not delivered on time in rewards-based crowdfunding campaigns? An empirical exploration" *Technological Forecasting and Social Change*, 157(August): 120069.

A.12 SCHIAVONE F., APPIO F.P., MORA L., RISITANO M. (2020), "The strategic, organizational, and entrepreneurial evolution of smart cities", *International Entrepreneurship and Management Journal*, 16(4): 1155-1165.

A.13 ROMENI G., APPIO F.P., MARTINI A., JOUBERT C., ALAN J.-M., MERCAT B. (2020), "Enhancing Eco-innovation Performance: Evidence From a Water Footprint Assessment in the Manufacturing Industry", *IEEE Transactions on Engineering Management*, 67(3): 724-739.

A.14 APPIO F.P., MARTINI A., MASSA S., TESTA S. (2020), "Social Media-based Innovation Literature: A Review of the latency phase and a research agenda", *Information & Management*, 57(3): 103196.

A.15 APPIO F.P., DE LUCA L., MARTINI A., MORGAN R. (2019), "Patent portfolio diversity and firm profitability: A question of specialization or diversification?", *Journal of Business Research*, 101: 255-267.

A.16 ABBATE T., CESARONI F., PRESENZA A., APPIO F.P. (2019),

- “Enacting Social Crowdfunding Business Ecosystems: The case of the platform Meridonare”, *Technological Forecasting and Social Change*, 143: 190-201.
- A.17** CORSINI F., LAURENTI R., MEINHERZ F., APPIO F.P., MORA L. (2019), “The Advent of Practice Theories in Research on Sustainable Consumption: Past, Current and Future Directions of the Field”, *Sustainability* 11(2):1-19.
- A.18** APPIO F.P., LACOSTE S. (2019), “B2B Relationship Management in Complex Product Systems (CoPS)”, *Industrial Marketing Management*, 79: 53-57.
- A.19** APPIO F.P., LIMA M., PAROUTIS S. (2019), “Understanding Smart Cities: Innovation Ecosystems, Technological Advancements and Societal Challenges”, *Technological Forecasting and Social Change*, 142: 1-14.
- A.20** CORSINI F., APPIO F.P., FREY M. (2019), “Exploring the antecedents and consequences of environmental performance in micro-enterprises: The case of the Italian craft beer industry”, *Technological Forecasting and Social Change*, 138: 340-350.
- A.21** GASTALDI L., APPIO F.P., CORSO M., PISTORIO A. (2018), “Managing the Exploration-Exploitation Paradox in Healthcare: Three Complementary Paths to Leverage on the Digital Transformation”, *Business Process Management Journal*, 24(5): 1200-1234.
- A.22** APPIO F.P., CIMINO M.G.C.A., LAZZERI A., MARTINI A., VAGLINI G. (2018), “Fostering Distributed Business Logic in Open Collaborative Networks: an integrated approach based on semantic and swarm coordination”, *Information Systems Frontiers*, 20(3): 589-616.
- A.23** APPIO F.P., MARTINI A., FANTONI G. (2017), “The light and shade of knowledge recombination: Insights from a general-purpose technology”, *Technological Forecasting and Social Change*, 125: 154-165.
- A.24** APPIO F.P., MARTINI A., TESTA S., MASSA S. (2017), “Collaborative network of firms: antecedents and state-of-the-art properties”, *International Journal of Production Research*, 55(7): 2121-2134.
- A.25** MARTINI A., NEIROTTI P., APPIO F.P. (2017), “Knowledge Searching, Integrating and Performing: Always a Tuned Trio for Innovation?”, *Long Range Planning*, 50(2): 200-220.
- A.26** APPIO F.P., MARTINI A., MESSENI PETRUZZELLI A., NEIROTTI P., VAN LOOY B. (2017), “Search mechanisms and innovation: An analysis across multiple perspectives”, *Technological Forecasting and Social Change*, 120: 103-116.
- A.27** APPIO F.P., ACHICHE S., MARTINI A., BEAUDRY C. (2017), “On designers’ use of biomimicry tools during the new product development process: an empirical investigation”, *Technology Analysis & Strategic Management*, 29(7): 775-789.
- A.28** APPIO F.P., MARTINI A., MASSA S., TESTA S. (2016), “Unveiling the intellectual origins of Social Media-based innovation: insights from a bibliometric approach”, *Scientometrics*, 108(1): 355-388.
- A.29** APPIO F.P., MARTINI A., GASTALDI L. (2016), “Perspectives on inter-organizational and collaborative innovation”, *International Journal of Technology Management*, 71(3/4): 155-170.
- A.30** ANNOSI M.C., MAGNUSSON M., MARTINI A., APPIO F.P. (2016), “Social Conduct, Learning and Innovation: An Abductive Study of the

Dark Side of Agile Software Development”, *Creativity and Innovation Management*, 25(4): 515-535.

A.31 GASTALDI L., APPIO F.P., MARTINI A., CORSO M. (2015), “Academics as orchestrators of continuous innovation ecosystems: towards a fourth generation CI initiatives”, *International Journal of Technology Management*, 68(1/2): 1-20.

A.32 BAGLIERI D., APPIO F.P., CESARONI F. (2015), “Unpacking Knowledge Sources of Deep Innovation: Recombinant Capabilities and Patent Portfolio Strategies in Graphene Technologies”, *Venture Findings*.

A.33 APPIO F.P., CESARONI F., DI MININ A. (2014), “Visualizing the structure and bridges of the Intellectual Property Management and Strategy literature: a Document Co-citation Analysis”, *Scientometrics*, 101(1): 623-661.

A.34 ARTS S., APPIO F.P., VAN LOOY B. (2013), “Inventions shaping technological trajectories: do existing patent indicators provide a comprehensive picture?”, *Scientometrics*, 97(2): 397-419.

A.35 ACHICHE S., APPIO F.P., MCALOONE T.C., DI MININ A. (2013), “Fuzzy Decision Support for Tools Selection in the Core Front End Activities of New Product Development”, *Research in Engineering Design*, 24(1): 1-18.

A.36 APPIO F.P., ACHICHE S., MCALOONE T.C., HOWARD T.J. (2013), “An inquiry on managers use of decision-making tools in the core front end of the innovation process”, *International Journal of Product Development*, 18(6): 461-491.

**Modello
informativa
sintetica,
informazioni sul
trattamento**

Ai sensi dell'art. 13 del Regolamento (UE) 2016/679, si informa la S.V. che questa Università è titolare del trattamento dei dati personali dalla S.V. conferiti e che il trattamento stesso sarà effettuato nel rispetto del citato regolamento europeo ai fini dell'assolvimento degli obblighi di pubblicazione di cui al d.lgs. 33/2013. I dati potranno essere utilizzati e conservati esclusivamente per gli adempimenti di legge correlati all'affidamento dell'incarico. Il conferimento dei dati è obbligatorio a tali fini. I dati saranno trattati dall'Università, in qualità di titolare, nel rispetto delle disposizioni del Regolamento (UE) 2016/679 con le modalità previste nell'informativa completa pubblicata sul sito dell'Università. La S.V. è informata che potrà comunque ed in qualsiasi momento, ai sensi degli artt. 15 ss. del Regolamento (UE) 2016/679, verificare i propri dati personali raccolti dal Titolare e farli correggere, aggiornare o cancellare rivolgendosi al Responsabile della protezione dei dati (inserire dati di contatto del DPO). La S.V. è informata che in caso di inosservanza del Regolamento (UE) 2016/679 potrà rivolgere reclamo al Garante per la protezione dei dati personali";

**Summary
information
model,
information on
treatment**

Pursuant to art.13 of European Regulation 2016/679, we inform you that this University is the owner of the processing of your personal data and the same processing will be carried out in compliance with the aforementioned European Regulation for the purposes of fulfilling the disclosure requirements referred to in Legislative Decree 33/2013. Data may be used and stored exclusively for the legal obligations related to the award of the contract.

Provision of data is required for these purposes. Data will be processed by this University, as Data Controller, in compliance with the provisions of European Regulation 2016/679 in the manner provided by the complete information published on the University website. We inform you that you may check your personal data collected by the Data Controller, and have them rectified, updated or deleted in any case and at any time, by contacting the Data Processing Officer (enter contact details of the DPO) according to articles 15 ff. of European Regulation 2016/679. We inform you that in case of non-compliance with European Regulation 2016/679 you may address a complaint to the Personal Data Protection Authority.

**Modello alert su
limitazione della
finalità nel riutilizzo**

I dati personali ivi pubblicati sono "riutilizzabili solo alle condizioni previste dalla normativa vigente sul riuso dei dati pubblici (direttiva comunitaria 2003/98/CE e d. lgs. 36/2006 di recepimento della stessa), in termini compatibili con gli scopi per i quali sono stati raccolti e registrati, e nel rispetto della normativa in materia di protezione dei dati personali

***Model alert on
purpose limitation
in re-use***

Personal data published therein are "reusable only under the conditions provided by current legislation on the reuse of Public Data (EU Directive 2003/98/CE and Legislative Decree 36/2006 implementing it), in a manner that is compatible with the purposes for which they were collected and recorded, and in compliance with the legislation on personal data protection".