

Antonio Crupi

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CURRENT EMPLOYMENT

- Associate Professor in Business Economics and Management (SECS-P/08) – since 01/11/2024 at the Department of Economics, University of Messina.
- Affiliate Researcher at the Institute of Management, Sant’Anna School of Advanced Studies, Pisa, since 25/01/2022.
- Affiliate Researcher at the Strategic and Technology Management Consortium, Institute of Manufacturing, University of Cambridge, since 22/11/2019.

EDUCATION

- Ph.D. in Economics, Statistics, and Management (XXX Cycle), December 2017, University of Messina.
 - Scholarship recipient, received “Excellent” grade.
 - Dissertation title: “Never Venture, Never Win! The Chinese Rush to Innovation and Regional Development,” supervised by Prof. Fabrizio Cesaroni.
- Master's Degree in Science for Cooperation and Development, Faculty of Political Science, University of Messina. Final grade: 110/110 with honors.
- Bachelor’s Degree in Government and Administration Sciences, Faculty of Political Science, University of Messina. Final grade: 105/110.
- High School Diploma: Scientific Lyceum, F. Morosini Naval Military School, Venice.

LEADERSHIP OF OR PARTICIPATION IN SCIENTIFIC STUDIES AND RESEARCH ASSIGNED BY REPUTABLE PUBLIC OR PRIVATE INSTITUTIONS

- **Operational Coordinator** for the research team led by Professor Alberto Di Minin at the Institute of Management, Sant’Anna School of Advanced Studies. The project involved designing initiatives linked to existing collaborations between Sant’Anna and Chongqing University and the Bishan District (China).
Date: 19/11/2017 to 23/11/2017.
- **Research Group Leader** for the project: "Benchmark Analysis of STIM Consortium Engagement" within the Strategic and Technology Innovation Management (STIM) Consortium at the University of Cambridge. The project analyzed university-industry collaboration models through direct observation, interviews, and questionnaires.
Deliverables:
 - A master's thesis titled “The University-Industry Engagement in the STIM Consortium Experience” (by student Alberto Caviglia, supervised by Prof. Alberto Di Minin and co-supervised by Antonio Crupi).
Date: 30/11/2018 to 29/11/2019.
- **Research Group Leader** for the project: "Interacting with Universities: Investigation of Organizations' Strategies for Better Engagement" within the Strategic and Technology Innovation Management (STIM) Consortium at the University of Cambridge. The project analyzed inter- and intra-organizational dynamics that enable companies to share knowledge

internally and externally.

Date: 01/12/2020 to 30/11/2021.

- **Project Leader** for the initiative "Promoting the Territory: From Marketing to Hospitality," in collaboration with the Capo Milazzo Marine Protected Area, HQVillage, and DyFlowing. The project engaged students in developing concrete proposals for enhancing the tourist destination. Six proposals were created by student groups.

Date: 01/11/2021 to 31/12/2022.

- **Project Leader** for the initiative "Engagement Output: What Have Companies Achieved in STIM?" The project, conducted within the Strategic and Technology Innovation Management (STIM) Consortium at the University of Cambridge, explored the outcomes achieved by companies through their participation in the consortium.

Date: 01/12/2021 to 30/11/2022.

- **University of Messina Representative** for the framework agreement between the University of Messina and BeAcademy Srl.

Date: 19/01/2022 to present.

- **Member of the Research Team** responsible for a regional doctoral scholarship funded through the public notice n.1/2022 PR FSE+ 21/27. This initiative aimed to develop competencies in technological innovation management and collaborative strategies for fostering open innovation and managing complex mechanisms related to digital, ecological, and social transitions.

Date: 22/03/2023 to 23/03/2023.

RESPONSIBILITY FOR INTERNATIONAL AND NATIONAL RESEARCH PROJECTS FUNDED THROUGH COMPETITIVE CALLS INVOLVING PEER REVIEW

- Participation in **Work Package 6** of the Erasmus+ Capacity Building project "RESUME: RESeaU Méditerranéen pour l'Employabilité," led by the University of Messina. The project aimed to enhance the role of universities in fostering entrepreneurship and employment in Mediterranean countries by promoting an entrepreneurial mindset and structuring dialogues between universities, businesses, and institutional actors.
Date: 01/01/2017 to 30/09/2017.
- **Co-Investigator** for the project "Understanding the Business Value of SMEs' Patent Portfolio: An Artificial Intelligence-Based Approach," funded by the European Patent Office's Academic Research Program. The project evaluated the commercial value of SMEs' patents, measured their alignment with business models, and predicted the success probability of specific patents using artificial intelligence methods.
Date: 22/03/2020 to 28/02/2022.
- **Scientific Responsibility** (shared with Prof. Alberto Di Minin) and **Operational Coordinator** of Work Package 7 for the Erasmus+ project "Integrated Interdisciplinary Education Module on Art, Entrepreneurship, Innovation, and Science - 612898-EPP-1-2019-1-FI-EPPKA3-PI_FORWARD." The project promoted STE(A)M-based curricula in schools and universities, integrating arts and sciences to prepare students for future careers.
Date: 01/06/2020 to 31/10/2021.
- **Responsible for a Doctoral Scholarship** funded under the PNRR program (D.M. n. 118/2023 M4C1 – Inv. 4.1 "Ricerca PNRR") on the topic: "Analysis of the Implications of Generative Artificial Intelligence (Gen-AI): A Study on Creativity and Innovation Management."
Date: 15/06/2023 to present.
- **Scientific Coordinator (Local Unit Lead)** at the University of Messina and **Co-Principal Investigator** for the PRIN 2022 project titled "2022PFZYBY Organizational Success Factors of Sustainability-Oriented Firms: An Analysis of Italian Firms in Different Phases

of Their Life Cycle," in collaboration with the Polytechnic University of Bari and the University of Palermo.

Date: 30/06/2023 to present.

MEMBERSHIP IN EDITORIAL BOARDS OR PARTICIPATION IN EDITORIAL COMMITTEES OF PRESTIGIOUS JOURNALS, EDITORIAL SERIES, ENCYCLOPEDIAS, AND TREATISES

- **Member of the Editorial Board** of the World Open Innovation Conference (WOIC). Launched in 2014, WOIC bridges academia, industry, and policymakers, fostering collaboration across sectors, exploring open innovation trends, and showcasing cutting-edge research and practices.
Date: 01/01/2018 to present.
- **Member of the Editorial Board** of the *International Journal of Technology Transfer and Commercialisation* (indexed by ANVUR).
ISSN Online: 1741-5284, **ISSN Print:** 1470-6075.
Date: 27/10/2020 to present.
- **Member of the Editorial Board** of *Asian Business & Management* (2022 IF: 3.9, classified as A-level by ANVUR).
Editor-in-Chief: Yipeng Liu, **ISSN:** 1472-4782 (print).
Date: 10/08/2021 to present.
- **Co-Editor-in-Chief** of the book series "Innovation Management and Entrepreneurship for Modern Business," published by Emerald Publishing Limited.
Date: 22/01/2024 to present.
- **Member of the Program Committee** for the International Conference on Digital Transformation and Innovation 2024 (DTIM 2024), to be held in Budapest.
Conference Dates: 13/07/2024 to 15/07/2024.
Date: 30/01/2024 to present.
- **Member of the Editorial Board** of the journal *R&D Management* (ANVUR A-level).
Editors-in-Chief: Alberto Di Minin and Paavo Ritala.
Date: 10/06/2024 to present.

PARTICIPATION IN PHD SUPERVISION OR TEACHING ASSIGNMENTS IN ACCREDITED DOCTORAL PROGRAMS

- **Member of the Faculty Board** of the PhD in Economics, Management, and Statistics at the Department of Economics, University of Messina, contributing to the following:
 - **Cycle 38 (2022):** Delivered a course titled "Digital Transformation and SMEs: Threats and Opportunities" and organized workshops and seminars, including the PhD Summer Camp, a two-day event where students presented their work and interacted with local entrepreneurs.
 - **Cycle 39 (2023):** Continued contributions to the course "Digital Transformation and SMEs: Threats and Opportunities," organized the second PhD Summer Camp edition, and served as supervisor for a doctoral student funded by a PNRR scholarship on "Generative Artificial Intelligence (Gen-AI): Investigating Creativity and Innovation Management."
Date: From 01/01/2022 to present.
- Same seminar for the XXXVII cycle of the PhD in Economics, Statistics, and Management.
Date: 24/02/2022.

ACHIEVEMENTS AND AWARDS FOR SCIENTIFIC ACTIVITY, INCLUDING AFFILIATIONS WITH RECOGNIZED ACADEMIES

- **Ph.D. Completion** with a scholarship during the XXX cycle of the Ph.D. program in Economics, Statistics, and Management.
Thesis Title: "Never Venture, Never Win! The Chinese Rush to Innovation and Regional Development."
Visiting Period: Jiao Tong University, Shanghai, China.
Supervisor: Prof. Fabrizio Cesaroni.
Date: 01/11/2014 to 01/12/2017.
- **Research Grant** on "Quantitative and Qualitative Research on Open Innovation and Technology Transfer" at the Sant'Anna School of Advanced Studies, Pisa.
Grant Amount: €23,693.00.
Date: 01/02/2018 to 31/01/2019.
- **Commendation Paper Award** during the R&D Management Workshop "Emerging Technologies and Industries in the Smart Era."
Paper Title: "Deus Ex Machina: Policies, Innovation, and Regional Growth - Findings from China" (with Fabrizio Cesaroni and Alberto Di Minin).
Date: 14/04/2018 to 15/04/2018.
- **Research Grant Renewal** on "Quantitative and Qualitative Research on Open Innovation and Technology Transfer" at the Sant'Anna School of Advanced Studies, Pisa.
Grant Amount: €23,693.00.
Date: 01/02/2019 to 31/01/2020.
- **Affiliate Researcher** at the Strategic Technology & Innovation Management (STIM) Consortium, Institute of Manufacturing, University of Cambridge. The consortium fosters collaboration between universities and companies through applied research in industrial contexts.
Date: 22/11/2019 to present.
- **Research Grant Renewal** on "Quantitative and Qualitative Research on Open Innovation and Technology Transfer" at the Sant'Anna School of Advanced Studies, Pisa.
Grant Amount: €23,693.00.
Date: 01/02/2020 to 31/01/2021.
- **Affiliate Researcher** at the Institute of Management, Sant'Anna School of Advanced Studies. The institute is a center of excellence in research and higher education, focusing on advanced studies and critical analyses of innovation management dynamics.
Date: 25/01/2022 to 25/01/2025.
- **EMbeDS Award for Young Researchers** at the Institute of Management, Sant'Anna School of Advanced Studies.
Award Amount: €1,500.
Paper Title: "Knowledge Sharing and Technological Innovation Capabilities of Chinese Software SMEs" (co-authored with Yao Jianguo, Antonio Crupi, Alberto Di Minin, and Zhang Xumei), published in the *Journal of Knowledge Management* (2020).
Date: 31/03/2022.
- **Start Cup Unime 2022 Award** (€8,000) for the entrepreneurial project InnovaHelix, which focuses on nutraceutical and pharmacological markets by developing complex molecules based on snail slime and other natural compounds for anti-inflammatory products.
Date: 18/10/2022.

RESULTS ACHIEVED IN TECHNOLOGY TRANSFER, INCLUDING THE CREATION OF NEW ENTERPRISES (SPIN-OFFS), DEVELOPMENT, UTILIZATION, AND COMMERCIALIZATION OF PATENTS

- **Mentor and Member** of the Mentorship Program at Forward Factory, an accelerator dedicated to startups offering digital innovations in manufacturing.
Website: [Forward Factory](#)
Date: 12/07/2022 to present.
- Participation in the **Start Cup Unime 2022 Final** with the entrepreneurial project *InnovaHelix*. This project focuses on the nutraceutical and pharmacological market, aiming to create complex molecules from snail slime and other natural compounds to develop anti-inflammatory nutraceutical and pharmaceutical products. The project won first place, receiving €8,000 to establish the startup.
Date: 18/10/2022.
- Participation in the **StartCup Sicilia 2022 Final**, where the *InnovaHelix* project won first place.
Date: 27/10/2022.
- Participation in the **20th Edition of the National Innovation Award (PNI 2022)** with the *InnovaHelix* project, representing the winner of StartCup Sicilia.
Date: 01/12/2022 to 02/12/2022.
- **Team Member** of the patent application titled "*Formulation for the Treatment of Inflammatory Conditions with Protective Functions for Mucous Membranes.*" Contributions included:
 - Researching the state of the art,
 - Describing the problem addressed by the invention,
 - Formulating claims and the overall development strategy for the innovation.**Date:** 04/10/2023 to present.
- **Founding Partner** of the company *InnovaHelix Srl*.
Purpose: The company engages in activities including research and development, consulting in pharmacology, innovation management, and business model innovation, as well as providing training.
Date: 05/10/2023 to present.
- **Recognition as a Research Spin-Off** of the University of Messina for the company *InnovaHelix Srl*.
Date: 28/05/2024.