

## **Vito Giordano, Ph.D.**

Vito Giordano, born in Polla (SA) on 15/07/1994, is an Assistant Professor in the Scientific Discipline ING-IND/35 (PNRR FAIR), at the School of Engineering of the University of Pisa, where he is a member of the research group B4DS - Business Engineering for Data Science (<http://b4ds.unipi.it>).

In May 2019, he obtained a Master degree in Management Engineering from the University of Pisa, he won a contract for occasional collaboration with the University of Modena as part of the project *"Indagine sullo stato di maturità digitale delle imprese dell'Emilia-Romagna"* (Investigation on the digital maturity of companies in Emilia-Romagna). In November of the same year, he was awarded a scholarship for a Ph.D. in Smart Industry, a collaborative program between the University of Florence, Pisa, and Siena. In December 2022, he obtained the title of Doctor of Research in Smart Industry, with an excellent grade, defending the thesis "Engineering Tech Mining: Mixing Engineering Design and Tech Mining for Innovation Management."

Since the start of his Ph.D., Vito Giordano has been involved in research activities funded by regional and European projects. Since 2020, he has been participating in the European project "Alliance for Strategic Skills addressing Emerging Technologies in Defence (ASSETS+)," funded under the Erasmus+ Europe Programme of the European Union. Since 2021, he has been involved in a project resulting from a collaboration agreement between the Department of Civil and Industrial Engineering of the University of Pisa, the Chamber of Commerce of Maremma and Tirreno, for the allocation of Innovation Enterprise Vouchers. Since 2022, he has been participating in the European project "ENriching Circular Use of OeR for Education (ENCORE)," funded under the Erasmus+ Europe Programme of the European Union. In the ENCORE European project, in addition to direct involvement in research as a member of the University of Pisa working group, Vito Giordano has been responsible for coordinating the writing of proposals and currently performs various project management tasks to support the coordinator, including being the leader of Work Package 2 "Unwrapping green, digital, and entrepreneurial (GDE) skills."

From April to June 2021, Vito Giordano conducted research in the company Vitesco Technologies Group AG (Fauglia, PI - Italy), working on the research project "Natural Language Processing Techniques for Predictive Maintenance." From September to December of the same year, he conducted research in the company Erre Quadro SRL (Pisa, PI - Italy), working on the research project "Natural Language Processing Techniques for Patent Text Analysis." From April to September 2022, Vito Giordano conducted research abroad at the Bordeaux School of Economics of the University of Bordeaux (France), working on the research project "Crossing the bridge between

science and technology: A Text Mining approach." Vito Giordano also completed a period abroad from June 2023 to September 2023 at the Paris School of Business in Paris.

In February 2023, he was awarded an annual research grant titled "NLP Tools for Mapping and Analysis of Skills and Professional Profiles," announced by the University of Pisa and carried out at the Department of Energy, Systems, Territory, and Construction Engineering (DESTeC). In December 2022, he was awarded an annual research grant titled "Artificial Intelligence for Natural Language Analysis to Support Product and Service Innovation," announced by the University of Pisa and carried out at the Department of Energy, Systems, Territory, and Construction Engineering. From May 2023 he covered the position of Assistant Professor (RTD-A) at the University of Pisa, DESTeC.

His research focuses on the use of natural language processing techniques for studying technological-related phenomena and has published in Technological Forecasting & Social Change and IEEE Transactions on Engineering Management.

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