



Dipartimento di Scienze Agrarie, Alimenti, Risorse Naturali e Ingegneria  
Department of Agriculture, Food, Natural resources and Engineering (DAFNE)

<b>CYCLE</b>	<b>XL</b>
<b>STUDENT</b>	<b>AMODIO VITO DOMENICO</b>
<b>TUTOR</b>	<b>LERINA AVERSANO</b>
<b>CO-TUTOR</b>	

<b>CURRICULUM</b>	<b>2 Emerging Technologies for Ensuring Food Quality and Safety</b> •
<b>PROVISIONAL TITLE of the RESEARCH PROJECT</b>	Smart Farming: Neural Networks for Irrigation
<b>DOCTORAL SCHOLARSHIP</b>	<b>DM 630 NEXTOME srl</b>
<b>SHORT CV</b>	I'm an Innovation Manager with an interdisciplinary background—three Master's degrees (Management Engineering, Economics & Management, and Political Science)—plus the 2024 Professional Engineer license (Information sector) and the UNI 11814 “Innovation Manager” certification (2023). I lead digital and data-driven transformation initiatives for SMEs and organizations (Moviweb, LiquidLaw, WH), focusing on strategy, KPI governance, and innovation programs, and I teach on Industry 4.0, data science, and digital strategy for MIUR/FP bodies. For my PhD, I aim to apply machine learning to smart farming—e.g., irrigation-demand forecasting and decision support that integrates IoT and analytics.
<b>PUBLICATIONS</b>	Deep Learning in Agriculture: A State-of-the-Art Review of Applications, Challenges, and Emergent Frontiers (IN FASE DI PUBBLICAZIONE)