Angelo Porrello

Short Biographical Profile

Angelo Porrello is an Assistant Professor (RTT) at the Department of Engineering "Enzo Ferrari" at the University of Modena and Reggio Emilia, a member of the AImageLab research group, and a member of the European Laboratory for Learning and Intelligent Systems (ELLIS). He has authored more than forty peer-reviewed publications in leading conferences and journals. His research focuses on the lifecycle of neural network models, with particular emphasis on model maintenance and governance. His work adopts a foundational and theoretical perspective, exploring methodologies such as modular deep learning, continual learning, federated learning, and model re-basin. His overall goal is to enable adaptable and controllable AI systems over time, allowing for efficient customization without the need for full retraining while ensuring compliance with data privacy constraints. He is also interested in the development of AI and Computer Vision systems for anomaly detection, video analytics, and intelligent video surveillance.