

Date: May 26, 2021

**Object: Reference letter for Mr. Francesco Pascale**

To whom it may concern.

I am pleased to submit this reference letter on behalf of Mr. Francesco Pascale, one of the Ph.D. students, who I had the chance to follow during their studies as Coordinator of the Ph.D. Course in Industrial Engineering.

Francesco Pascale has been a student in the Ph.D. Course in Industrial Engineering at the University of Salerno, within the curriculum in Electronic Engineering, from November 2016 and to November 2019, and gained the Ph.D. title in Industrial Engineering in 2020. His Ph.D. thesis addressed the problems associated with applying Machine Learning techniques, in particular Bayesian Network, to the Intrusion Detection System of an on-board embedded system in the Automotive domain.

Under my supervision, he attended the course “Smart Industry: Smart Productions, Smart Energies, and Smart Services”, organized within the frame of our Ph.D. program, working hard, together with other students, to draft a project proposal, similar to those required for application to European projects. The project proposal aimed at developing a system able to manage agri- and forest-based biomass treatment plants through a smart sensor network. Given the capacity to deal with the multidisciplinary nature of the project and the quality of the final proposal, the final evaluation of his project was of high appreciation.

During the Ph.D. course, Francesco Pascale showed a strong commitment to complete successfully all the planned tasks and good capabilities in coping with innovative engineering methods. This, I believe, stems from a proper understanding of the fundamentals of his research topic.

Based on our mutual knowledge, I can state that Francesco Pascale is not only a highly motivated engineer with a very good technical background, but he is also a highly reliable person, with many different interests. I can certainly foresee a career rich with satisfaction ahead of him.

About his goal of committing to a new experience in a challenging international context, I have no hesitation in recommending him in strong terms, as I sincerely appreciate his motivations to enlarge his perspectives and his willingness to put his skills to work in a highly qualified research context.

I will be glad to provide any other additional information if needed.

Sincerely,

Francesco Donsì, PhD

Coordinator of the Ph.D. Course in Industrial Engineering

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