

POLITECNICO DI MILANO



Milano, 29/01/2025

To whom it may concern

I am very pleased to recommend Francesca Agostino.

We got acquainted in 2022, when he was a MSc student in Energy Engineering attending my course of Heat and Mass Transfer. She passed the exam with 21/30 score (the average score and the modal value for the whole class, about 120 people, were 21.5/30 and 21/30, respectively). Even though her score is in the average, she was one of the most promising students in the class, full of interests, eager to improve her knowledge and focused on the target (she passed the exam immediately after the lessons, while a large number of student needs almost 1 year since the end of the lesson to reach a suitable understanding level to pass the exam).

Later on, at the end of the study track in Energy Engineering, I recommended her, together with Carlotta Tamagnini, for an internship at Siemens Sweden where they developed their Master Thesis (Thermo-fluid dynamic characterization of an additive manufactured rough channel and development of an experimental PIV apparatus) dealing with development of a PIV (particle image velocimetry) test rig to measure the effect on the velocity field and the pressure drop of the roughness of surfaces built employing additive manufacturing. She accomplished most satisfactorily her task, developed a deep knowledge in fluid mechanics and heat transfer and a good understanding of optics, laser. She, also, showed a strong disposition to research and experimental activity giving many individual and original contributions. The thesis was awarded with 6.7/8 score after the final discussion. Her graduation mark was 104/110.

From a personal standpoint I appreciate her kindness, her correctness, her good temper as well as the proactive attitude to the task she is in charge of and her problem-solving skills.

Based on these factors, I believe that Francesca could be a value-added in the working environment both for his scientific skills and for his human qualities.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Andrea Lucchini'.

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