

Proposed by	moltosenso S.r.l. C.so Francesco Ferrucci 112/B 10138 - Torino
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Supervisor	Ing. Marco F. URSO Ing. Edoardo FADDA
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Contact	marco.urso@moltosenso.com Cel: 347.8740607 www.moltosenso.com
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Context of the research activity	The recycled fraction of waste collected from the territory is a valuable asset. It is periodically sold to companies that recycle it, according to the daily price of the raw material, that might be extremely volatile. This Thesis is a part of a collaboration between Moltosenso and the Department of Mathematical Science of the Politecnico, which is expected to produce a Ph.D.
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Goal	The goal of the thesis is to develop a model to help and support the decision-maker in deciding the optimal time to sell the recycled waste. The model must take into a plethora of variables, among which: price variation, the storage capacity of the citizen dumpster, collection-model adopted by the company.
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Skills and attitudes of the candidate	Statistical and optimization background is required, while Financial Engineering knowledge is highly recommended. The student must be able to implement the models on one of the standard Mathematical/Statistical software, such as R or Python.
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