

Thesis Proposal – Esaote S.p.a.

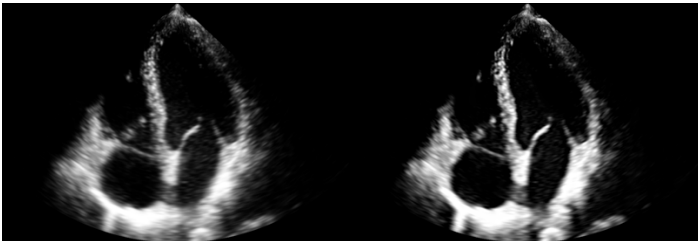
Ultrasonography is an effective and non-invasive diagnostic method. Research in this area is aimed at improving diagnostic quality through image processing. Typical artificial intelligence approaches promise to overcome some limitations of conventional approaches, such as the optimization of parameters and the non-generalizability of filtering.

The thesis project will focus on the study and implementation of AI-related approaches for ultrasound image enhancement. This thesis will be performed in collaboration with [Esaote s.p.a.](#)

For further info, please contact:

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On the right a possible outcome of image enhancement algorithm (cardiac image)