Thesis work in 3D-printing and characterization of samples of soft magnetic materials

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ABB Corporate Research Center in Sweden is located in Västerås, about 100 kilometers west of Stockholm. Together with colleagues in other R&D centers around the world, our scientists develop technologies for future products and services for ABB's core businesses.

Your responsibilities

This project aims at studying, producing and characterizing 3D-printed samples of bulk soft magnetic materials from simple iron to possibly nanocrystalline. X-ray analysis and microstructural study of grain size of the printed samples are planned.

Your background

We are looking for a master student in applied physics, material science or similar, with good knowledge of magnetics and basic experience in material characterization techniques.

More about us

The project will begin as soon as possible. Apply with your CV, academic transcripts and a cover letter in English. If you have any questions, please contact HR Direct at 021-320 200, hrdirect@se.abb.com. Welcome to apply by March 3.

Location

Västerås, Vaestmanland County, Sweden
### Business Line

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