Master Proposal:
Development of a Hybrid Tool for Simultaneous Application of Machining and Mechanical Surface Treatment

Objectifs

- Design an hybrid tool to perform quasi-simultaneously milling and mechanical surface treatment
- Produce a prototype of the hybrid tool with the help of a tool maker company
- Perform milling/MST tests to evaluate the performance of the tool design
- Prepare a user manual with the instructions about the utilisation of the hybrid tool

Profil

- General knowledge about machining and mechanical surface treatments
- Knowledge about tool geometry
- Experience in CAD software
- Thesis has to be written in English

Duration

- Beginning: Flexible but preferable at February / March 2018
- Duration: 5-6 months