

[LaBoMaP High Speed Machining](#)

High Speed Machining

The HSM (High Speed Machining) team of LaBoMaP aims to study and to model the machining operations in various work materials, in particular difficult-to-cut materials, such as: titanium and nickel based alloys, hardened steels and composite materials.

The main studied cutting operations are turning, drilling, tapping, broaching and milling. The Research works spins around three main topics :

- [HSM of difficult-to-cut materials](#)
- [5 axis milling & complex surface machining](#)
- [Precision machining and stability](#)

Cutting force simulation during contour turning path.

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