

Configuration guide of the 3D printer

Based on the meeting taken with Pr. Darbellay the 17th February 2026

This document is a retranscription of a discussion between Pr. Darbellay and Alexandre Venturi, it may be not well structured but will contain every information needed to correctly use the program **Prusa Slicer**, the application that take an 3d-model file such as .obj, .step, .stl for exemple and return the path of the printer through the piece.

Settings Wizard

Configuration source : only Prusa **FFF**

Prusa search : MK3 Family - Original Prusa i3 MK3S & MK3S+ (**0.4mm**)

Filaments -> Profil -> Generic **PLA** (eventually PETG)

Update : keep it checked (if not check it)

Reload from disk : check it

File assotiation : **.3mf** files

View mode : For the beginning keep the **simple** view (If more customisation is requiered change it to **advanced** or **expert**)

After this step, the wizard will closed and you will be able to see the plate corresponding to the printer.

On the right side of the view, you will see mainly 3 parameters :

- Printing settings : Don't go under 0.10mm
- Filament : Must be Generic PLA
- Printer : Should be Original Prusa i3 MK3S & MK3S+

Check Brim to add it

Print Settings

This part is related to the setting "Print setting" next to the "Plater"

Infill : 15% and gyroid patern (this patern has the characteristic to resist much better pressure from any direction)

Skirt & Brim : Ensure there is a modification in the *Brim* section