



European Project Semester

PROJECT OUTLINE

Project dates: March 2018 - June 2018

Title: Lynxter Product Development

Project activity areas:
Professional 3D printer development

Keywords: #3DPrinter
#AdditiveManufacturing #Startup #Innovation

Tutor's name and coordinates

Client – Thomas BATIGNE
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Project origin

Industrial 

Project technical background:

Lynxter is a start-up founded by 3 former students of ENIT.
It develops and markets professional 3D printers.



<http://www.lynxter.fr>

The activity of this project is to participate in the development of the latest Lynxter products.

Currently, 3 EPS students are working with Lynxter on the development of an automatic head changer. The project for the next semester may be the result of this development but can also be repositioned on other development themes such as:

- IT management of a 3D printer fleet (interconnected machines farm)
- Replacement of stepper motors by encoded DC motors
- Upgrading the printing platform (adjustment and replacement)
- Development of additional tools (direct printing of polymer pellets, paste and gel extrusion, measurement devices and/or pick&place arm)
- Physical characterization of printed parts according to the material and printing profile defined
- Fumes extraction device upgrade

Studied topics:

Depending on your skills, you will choose a proposed study theme and you will have to lead the project to objectives that will be defined on the spot according to the chosen subject.