



 **Julien COMBETTES**

From France to Finland 

Project: **Methodology for estimating the relevance of industrialising a part using additive manufacturing compared to a part produced conventionally**

Research topic: **Engineering**

Finnish Institution: **Tampere University**

French Institution: **Ecole Nationale d'Ingénieurs de Tarbes (ENIT)**

Dates of mobility: **06/01/2023 to 19/01/2023**

Program: **Maupertuis Programme**



PRESENTATION

[Julien Combettes](#) started his PhD thesis on 1st June 2022. During his academic career he had acquired different skills and professional experience in polymer and composite materials research. He did engineering training at the Ecole Nationale d'Ingénieurs of Tarbes, where he graduated in March 2022. In parallel to his last year of engineering school, he followed a research master entitled "Elaboration, characterization and surface treatments" at [ENSIACET](#) in the [University of Toulouse](#). The various internships he was able to carry out throughout his studies gave him a good technical knowledge of materials characterisation and the manufacturing of thermoplastic, thermosetting and composite polymers. His training at ENIT has also given him knowledge in the field of machining, methods and production management.

ACTIVITIES IN FINLAND

Julien Combettes was involved in [Eric Coatanea](#)'s research team. Several meetings with Eric Coatanea allowed the PhD student to learn in this field. He also had the chance to participate to Coatanea's course and a PhD defense on the topic. Moreover, discovering the way Finnish researchers work was interesting and constructive. Julien Combettes noticed that PhD students in Finland publish much more than in France. The research teams in Finland have more international collaboration than in France. This makes easier for the young researchers to get a position abroad after the thesis. It is therefore a point that deserves to be improved in France. This work was very beneficial for the advancement of Julien Combettes' PhD thesis. This stay is a first step towards a longer collaboration. The French and Finnish teams involved in the supervision of Julien Combettes will work together in the coming months.