

Internship report

BMW AG, Munich 2022

I am currently studying the Master's degree in Management in Polymer Technologies (M.Sc.) at Johannes Kepler University Linz (JKU) and the last semester I had the opportunity to do an internship in the field of additive manufacturing of polymers at BMW in Munich.

Working at the Additive Manufacturing Center (AMC) of BMW was an amazing experience. From day one, I had a big overview about the different projects in which I could participate. This way, I started working on the field of technology scouting of new polymers. Between the research of new technologies and also materials I was in charged of the characterization methods to evaluate the properties of these new materials.

It was a very enriching experience because I could put on practice different characterization techniques that I learned at university in the lab courses such as DSC, MFI, tensile test, between others. Moreover, I could use different data analysis software to treat the data and create impressive graphics so then we could evaluate trends.

I am very glad to my supervisor that gave me the opportunity to do this amazing experience and introduce me to the world of additive manufacturing of polymers which is a very interesting industry that is growing very fast and that has many interesting projects in different fields such as in automotive, aerospace, medical, consumer products, etc.