Bachelor thesis (BT) on Additive Manufacturing (AM) processes

What is AM

Before I compare AM with conventional production processes, let’s briefly summarize what AM actually means. AM, standing for Additive manufacturing, it an additive process of controlled material deposition and it’s curing. It might be best to compare it with common 2D printers. It (almost) always works by printing separate layers from material. Those layers always have finite thickness, that can range from tens of microns to millimeters. Separate layers are built (printed), and during the printing process cured layers also stick to each other. This process of separate layer building results in the printed physical object. This approach have many advantages, same as disadvantages (mentioned finite layer thickness among them), that will be discussed in the thesis.