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**Re-shaping ceramic industry through additive manufacturing:  
dream or reality, that is the question.**

Although there is today a hype on Additive Manufacturing (AM), it cannot be considered as an industrial revolution. Indeed, 3D numerical manufacturing from a CAD file, initially called rapid prototyping, has already been studied for more than 20 years in the case of ceramics with significant achievements. The present industrial revolution is actually linked to the massive exploitation of the so-called « internet of things » which connects in a global value chain, AM, augmented reality, big data, autonomous robots, simulation, system integration, cybersecurity, cloud computing to name a few. But, does this new paradigm will really re-shape in the short term the ceramic industry which is sometimes a bit conservative? We will discuss this important question through some examples of achievements in laser stereolithography and inkjet printing for applications in Information and Communication Technologies (ICTs) and Biomaterials, sharing on this basis our vision of the future strategic research lines necessary to boost the AM of ceramics.