



### ***Design for AM: key issues and future trends***

The industrial integration of Additive Manufacturing is a hot topic nowadays. The main reason is that the level of maturity of the value chain integrating Additive Manufacturing is really in progress and design offices need to be prepared to change the way of designing products. The main challenge is to take into account all the potentialities of AM technologies but also to think "function design" instead of "part design". Including technology capability means creating shapes and materials for one or a set of parts with respect to product life-cycle requirements. Standard initiatives from ISO-ASTM joint groups are proposing design guidelines that specify also limits and basic principles for design of product to be manufacturing with additive manufacturing. But many aspects have to be considered and not only AM stage. The complete value of the product results from the complete value chain including post-AM operations. This keynote will introduce these key issues and open discussion on future trends in different domains.

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