

Enabling rapid Industrial innovation through novel AI Algorithms

Matthias Kaiser,

Stanford University School of Medicine, USA.

Abstract

In classical manufacturing there is appr. 10 000 different materials available. However, in additive manufacturing, there are currently only a few hundred available. The reason for this is that in additive manufacturing the material properties can be altered substantially by changing the printer parameters. This is one of the huge benefits of additive manufacturing, as material properties can be adjusted to fit specific use cases during manufacturing. On the other hand, this makes also the development of new materials and printer parameters extremely time and cost-intensive.

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Biography

Matthias Kaiser has completed his M.Sc. from the University of Vienna and postdoctoral studies from Stanford University School of Medicine. He is the CEO of

the Exponential Technologies, a premier Tech-Soft service organization