



Enabling rapid Industrial innovation through novel AI Algorithms

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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.

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.

Publication of speakers:

- Matthias Kaiser et al ; Field Trial Vaccination against Cowpox in Two Alpaca Herds, 2020 Feb 20
- Matthias Kaiser et al ; Working with Research Integri-



ty—Guidance for Research Performing Organisations: The Bonn PRINTEGER Statement, 2018 May 31

- Matthias Kaiser et al ; Monitoring single-cell gene regulation under dynamically controllable conditions with integrated microfluidics and software, 2018 Jan 15
- Matthias Kaiser et al; Distribution but not amount of protein intake is associated with frailty: a cross-sectional investigation in the region of Nürnberg, 2013 Aug 5.
- Matthias Kaiser et al ;Neuropathological findings suggestive for a stroke in an alpaca (*Vicugna pacos*), 2019 Jan 3

Webinar on 3 D Printing , November 23, 2020; Dubai , UAE.

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