



additive manufacturing

GAFOE conference, Irvine
2013, April 25.-28.

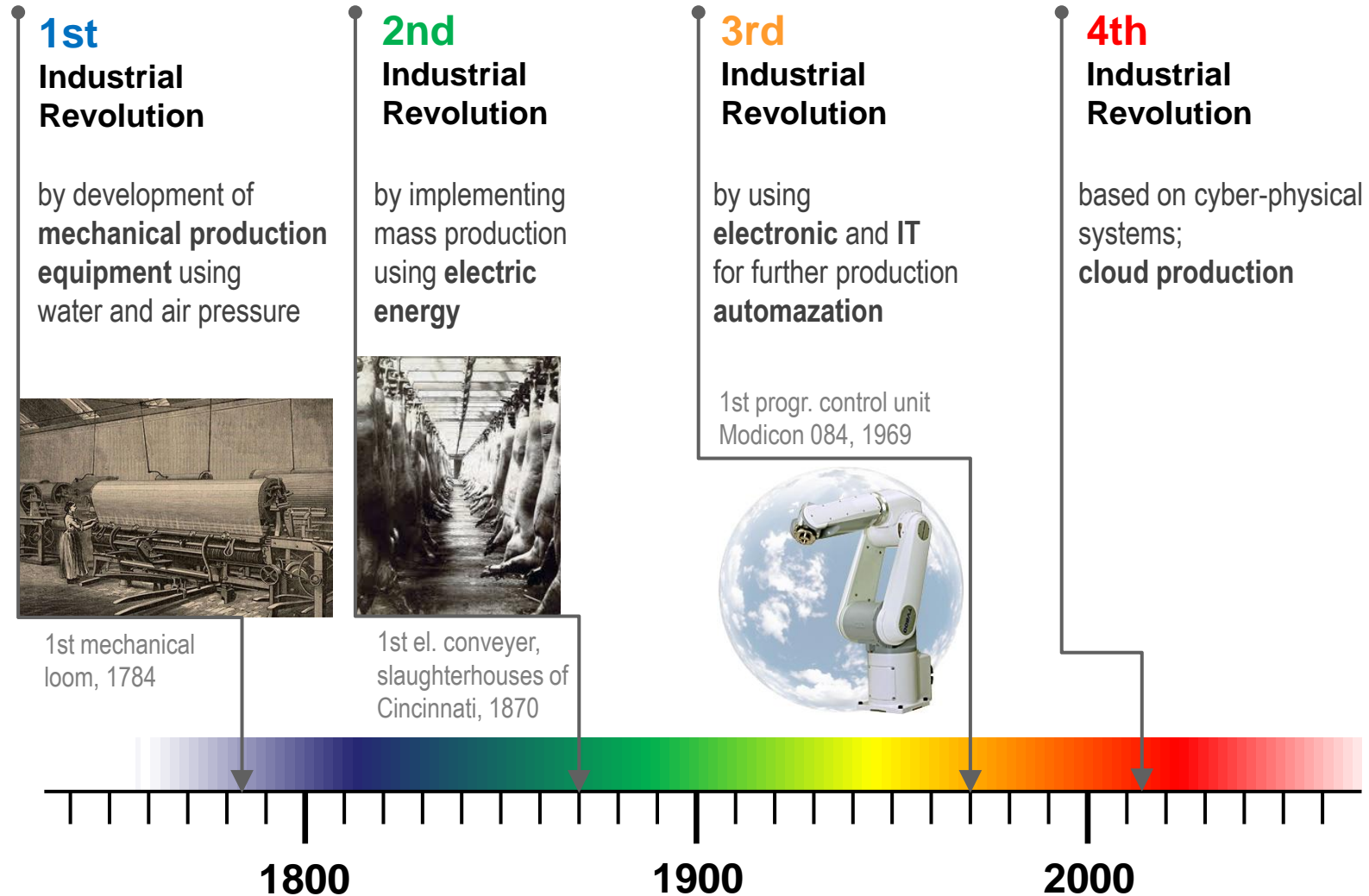
moderators:

Dietmar Drummer, Univ. Erlangen Nürnberg, Germany

Christopher Williams, Virginia Tech



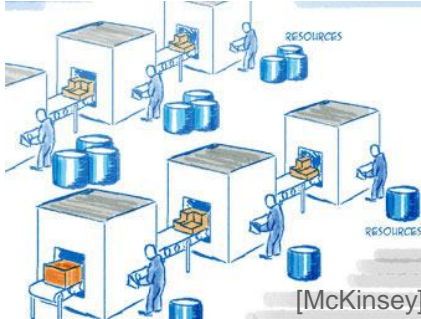
Evolution of Production





Trends

production management



lean manufacturing



quality management

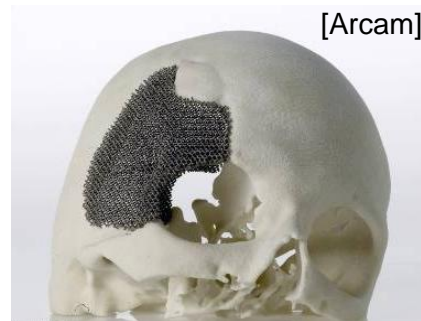


time-to-market

production processes (market demands)



function density



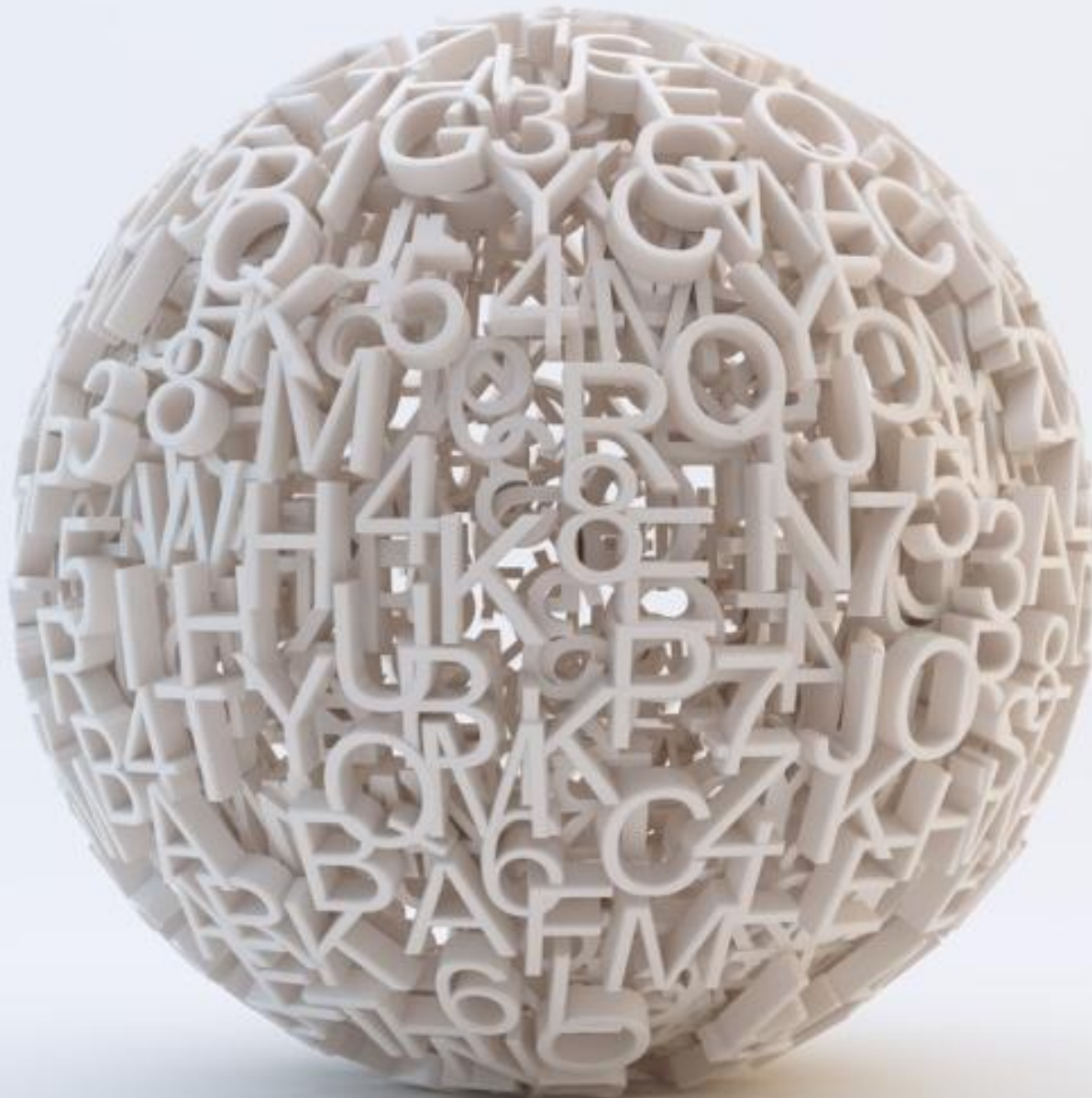
**individualization/
variants**

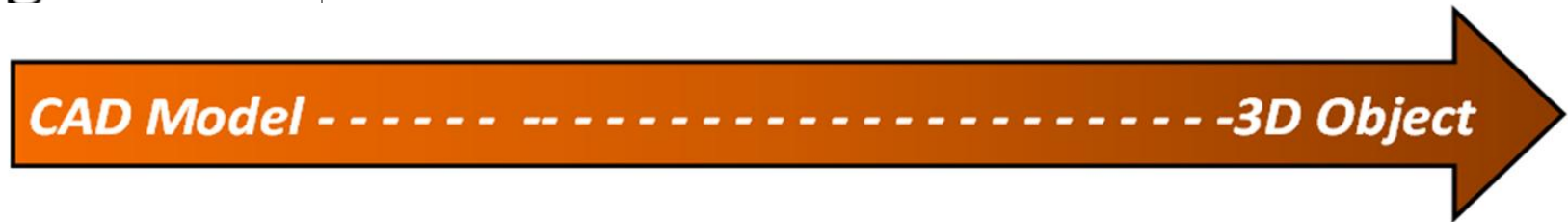


flexibility

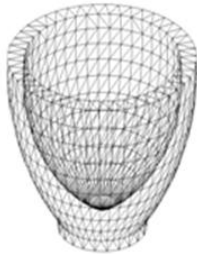


Additive Manufacturing





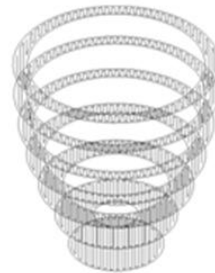
3D Cad
Model



.STL
File



Slicing
Software



Layer Slices &
Tool Path



3D
Printer



3D
Object

Additive Manufacturing (AM) is the "process of joining materials to make objects from 3D model data, usually layer upon layer, as opposed to subtractive manufacturing methodologies. “

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Technology

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As told by Hugh Evans

GEEK

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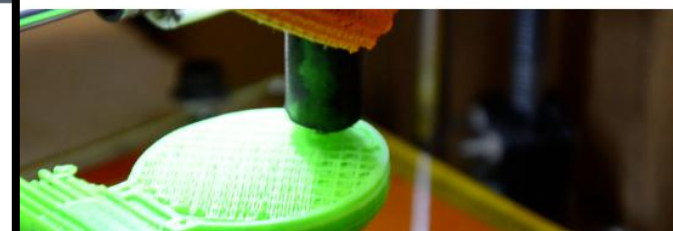
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by John Murphey Posted March 25th, 2013 Category 3D Printing, Crowdfunding, Maker Pro



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