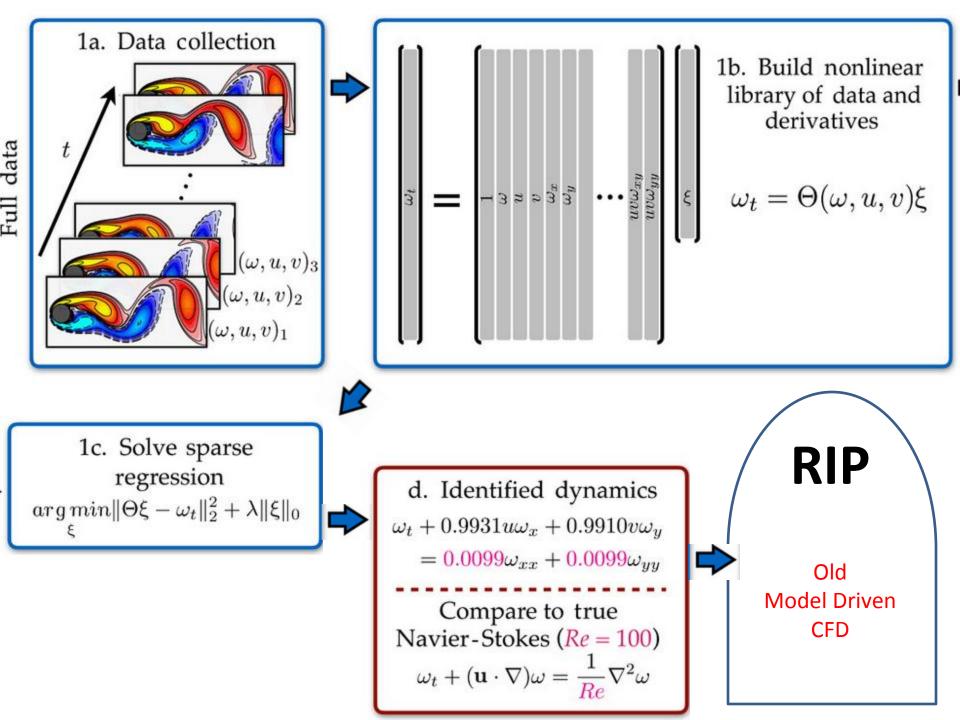
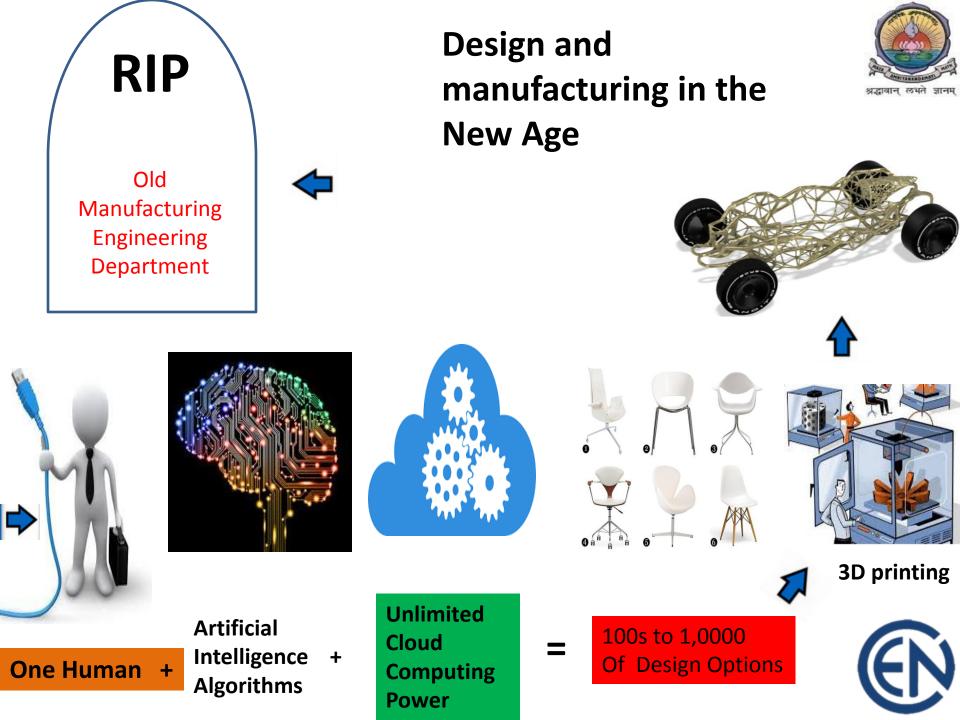


3D Printing and Laser cutting on new smart materials









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Learning to Plan Chemical Syntheses

Marwin Segler[♣], [∇] Mike Preuss^H [♣]Institute of Organic Chemistry [′]Center for Multiscale Theory and Computation Mark P. Waller[♠]^ħ [♠]Department of Physics ^ħInternational Center for Quantum

AI-assisted computational chemistry: Predicting chemical properties with minimal expert knowledge

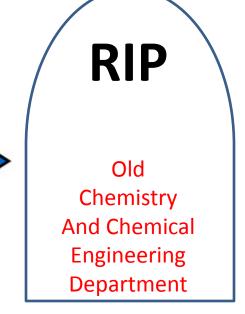
Prediction of Organic Reaction Outcomes Using Machine Learning

Connor W. Coley,[†][©] Regina Barzilay,[‡] Tommi S. Jaakkola,[‡] William H. Green,^{*,†} and Klavs F. Jensen^{*,†}[©]

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Quantum-chemical insights from deep tensor neural networks

Kristof T. Schütt¹, Farhad Arbabzadah¹, Stefan Chmiela¹, Klaus R. Müller^{1,2} & Alexandre Tkatchenko^{3,4}



Garrett Goh (Pacific Northwest National Lab) 1:45pm-2:25pm Thursday, June 29, 2017