

Eugene Wigner Colloquium

event of SFB 910



Dr. Alexander Badinski

Chief Digital Officer BASF Schwarzheide

“Non-linear dynamics in the chemical industry – one cornerstone for the digital transformation”

The chemical industry has various processes of which many are inherently nonlinear and dynamic. Examples are chemical and biological reactions, supply chain processes or procurement networks. This talk shows examples of successful applications at BASF for which non-linear models have been combined with models from data science resulting in so called Hybrid or Greybox models. We demonstrate how these model can be used for better transparency, optimization, and decision making.

Thursday, 31.01.19 · 16:15h · EW 202

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