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JOHANNES GUTENBERG
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Physikalisches Kolloquium

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None

Michael Feindt
University of Karlsruhe

From Artificial Intelligence in particle physics towards the autonomous supply chain for global enterprises: The Blue Yonder story

This talk will review my personal history as elementary particle physics researcher (having started to work with neural networks at CERN in 1993), professor and entrepreneur (founder of Phi-T (2002) and Blue Yonder(2008)). It was always driven by what today is called Machine Learning and Artificial Intelligence, with emphasis on also predicting and taking advantage from knowledge about uncertainty.

Today Blue Yonder, specialized on AI/ML and decision automation in the supply chain from Manufacturing to Retail, has more than 3500 large companies worldwide as customers and has delivered more than 1 trillion predictions. Examples from many different areas (physics, insurance, retail, supply chain) and experience gained over many years will show the tremendous value, but also the difficulties in bringing these methods into real life production in large scale international collaborations and companies - often against resistance.

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