

Lehrstuhl für Datenverarbeitung

Prof. Dr.-Ing. Klaus Diepold
2 Postdocs
10 doctoral candidates



Research Topics:

- Applied Machine Learning & Big Data Analytics
- Quality of Experience Assessment for Audio and Video
- Computer Vision & Image Processing

Closing the loop for laser welding

Goal: Machine Learning based quality prediction

- Complex industrial process
- Quality not measurable
→ open loop
- Deep Learning for Vision
- Reinforcement Learning for quality prediction and control

