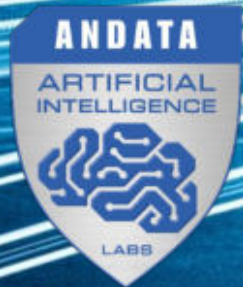
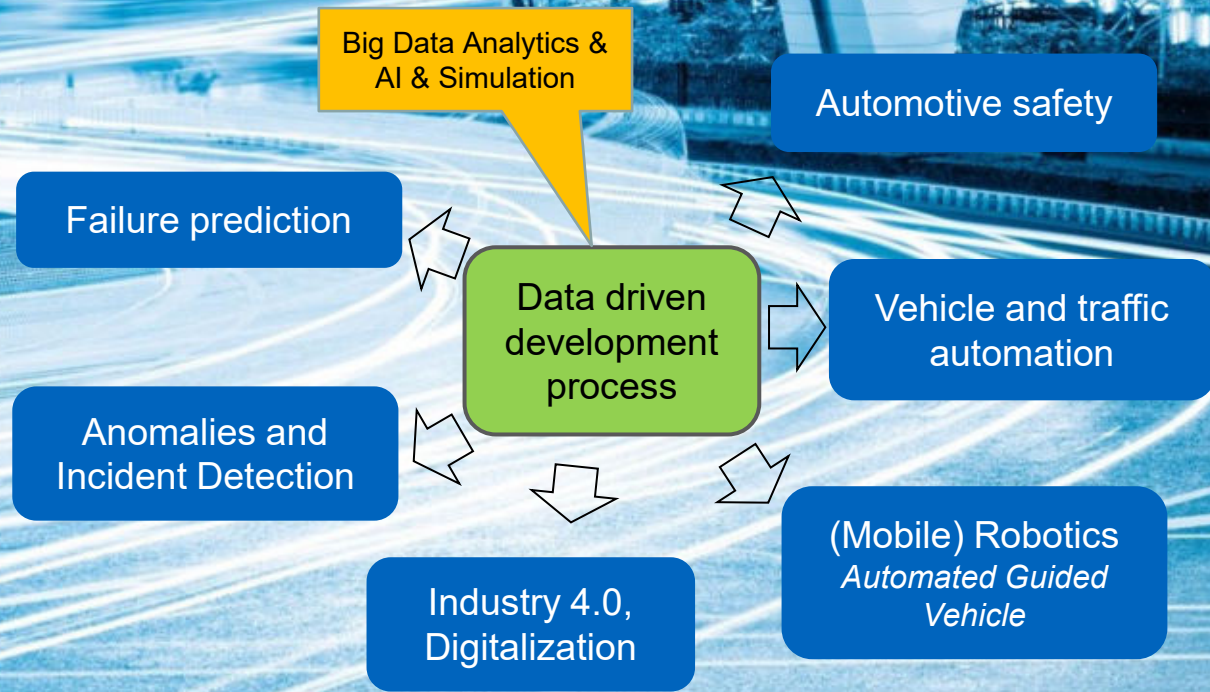


Fields of Competence

- Artificial Intelligence
- Data Mining
- Big Data Analytics
- Modeling and simulation
- Predictive Model based Control
- Distributed Control
- Signal Classification
- Swarm Intelligence
- (Embedded) Software
- Decision Support Systems
- Robustness and Complexity Management



since 2004



What sensors and information do I need for a safe and valid decision?
 What can I do/control with a given set of sensors?

ANDATA Solution Automotive Safety II

Problem description

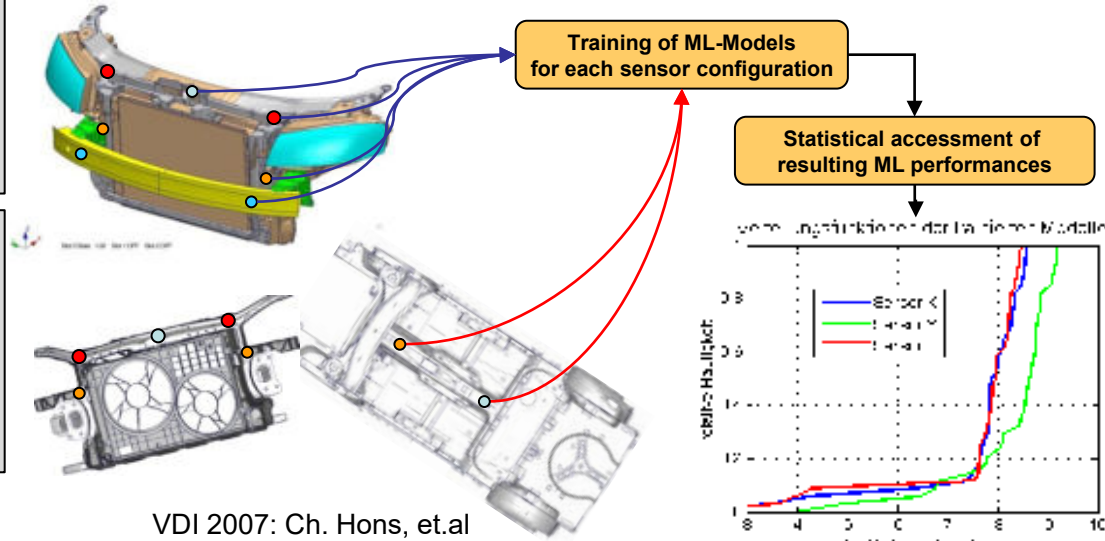
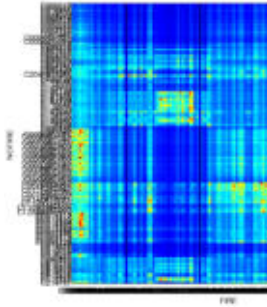
- Selection & specification of sensor signals in automotive safety

Solution approach

- Scenario- / databased specification of the desired functionality
- Functional algorithms with Artificial Intelligence
- Robustness management
- Numerical conflict analysis
- ...

Tools

- MATLAB
- Neural Networks Toolbox
- Statistics and Machine Learning Toolbox
- var. ANDATA Toolboxes for MATLAB



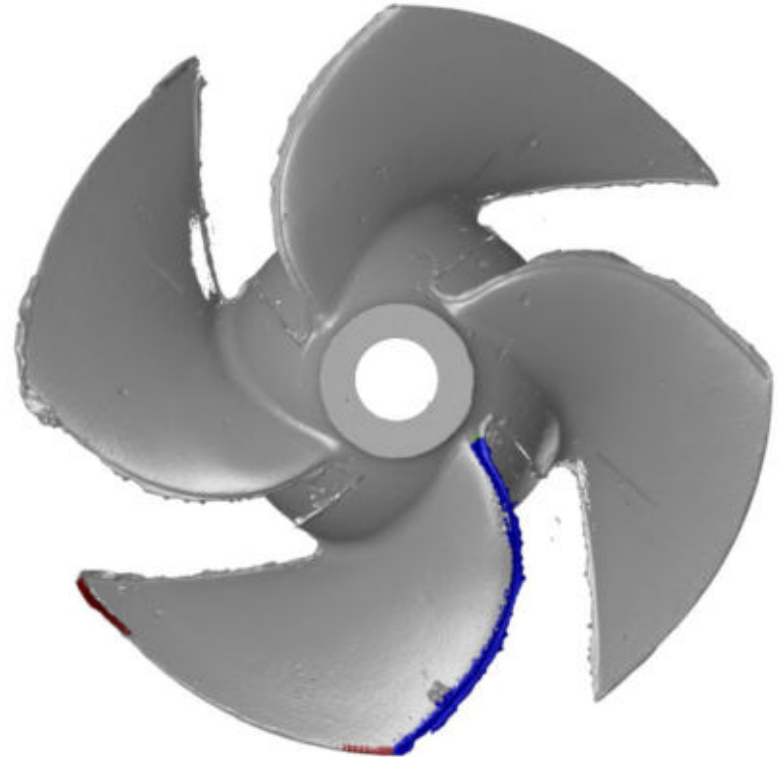
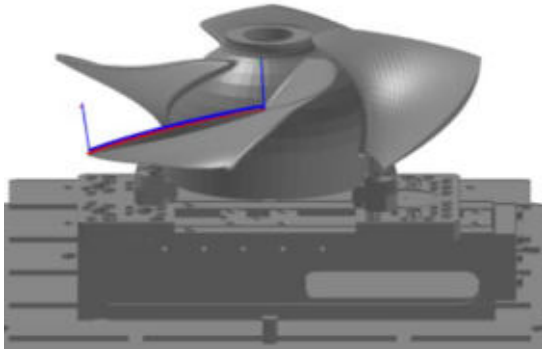
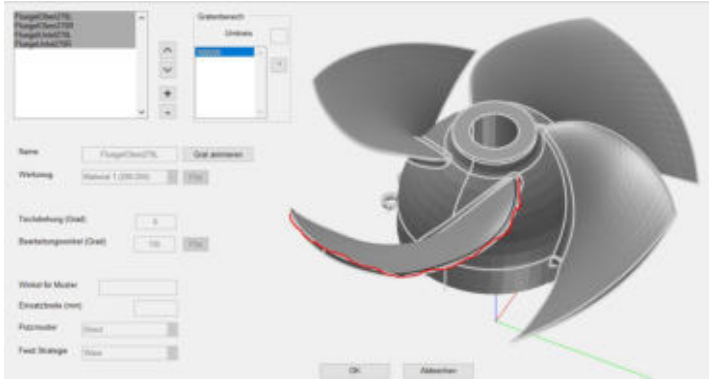
Metallindustrie: Gießen und Putzen

4D-Kriterium zum
sinnvollen Einsatz von KI:

- ✓ Dull
- ✓ Dirty
- ✓ Dangerous
- ✓ Difficult



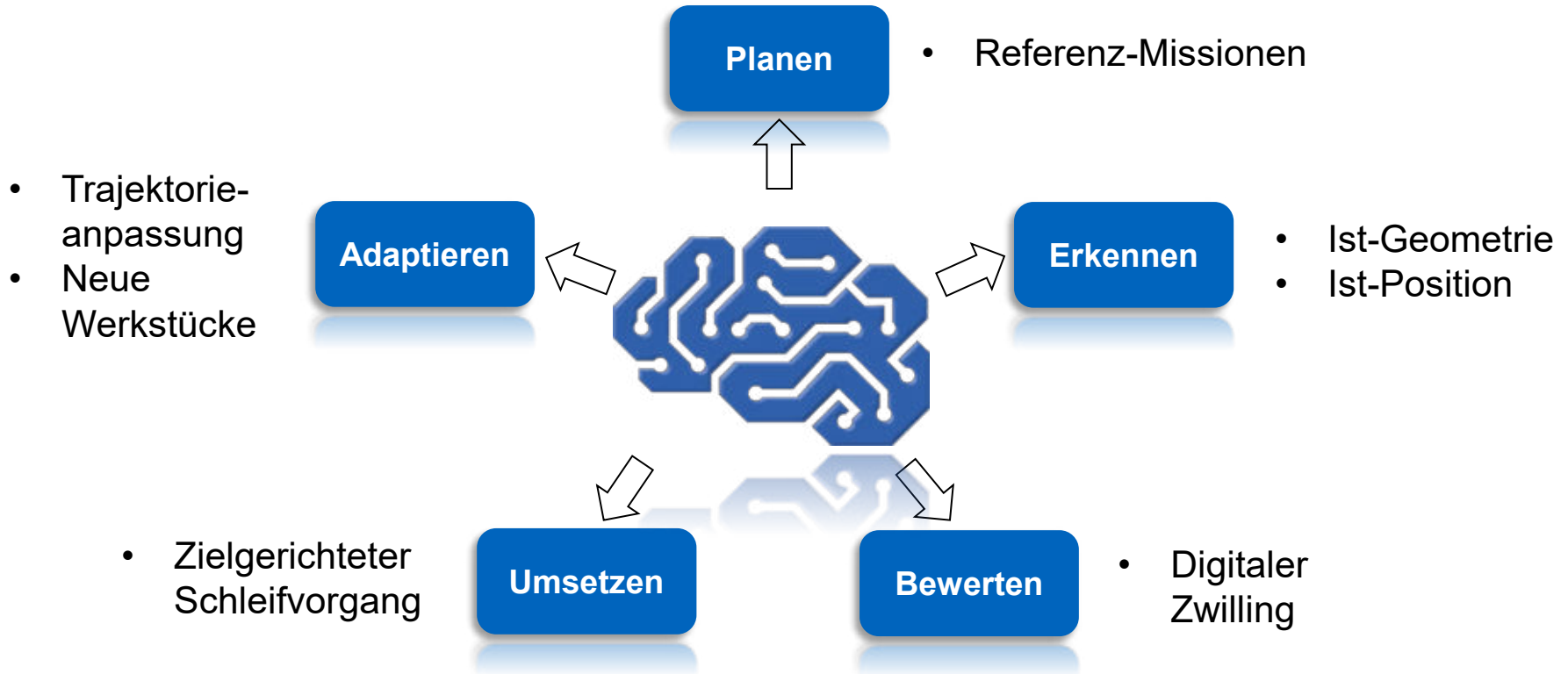
Aufgabenplanung & Erkennung und Interpretation der Situation



Digitaler Zwilling zur Planung und Visualisierung



Eigenschaften von „Intelligenz“





- AI will revolutionize product development.
- We make you fit for it!

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