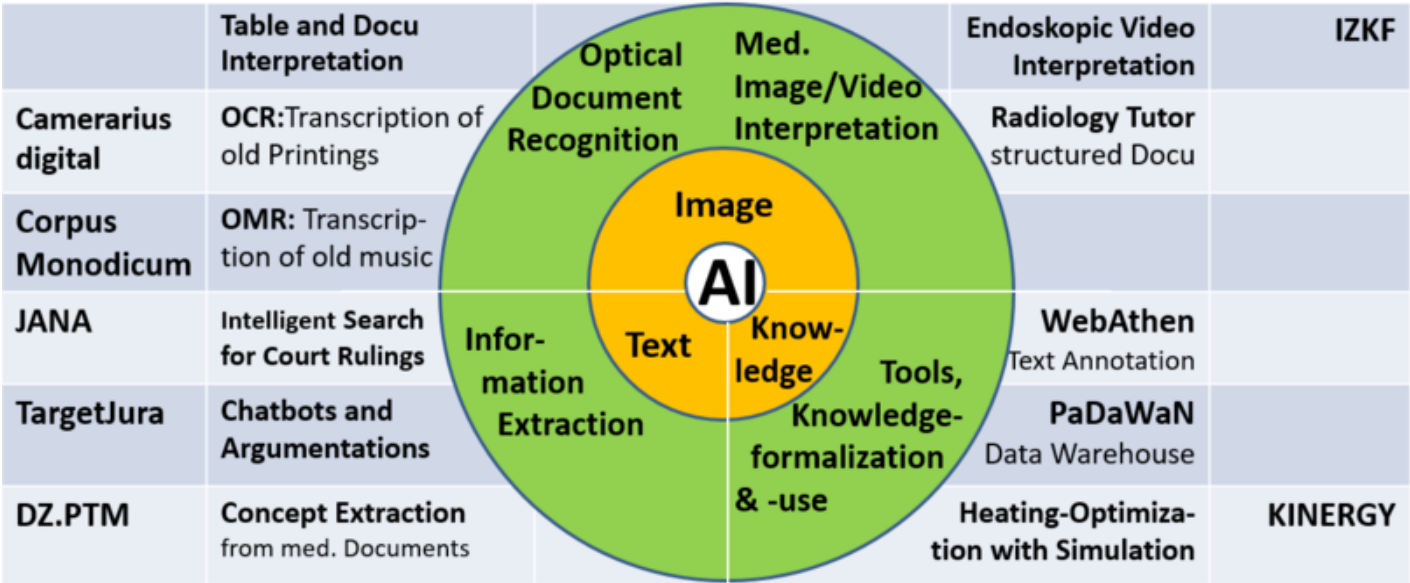


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About us



The chair has been dealing with artificial intelligence and knowledge systems since 1992. The focal points include the development of open source tools for learning methods, data and knowledge processing, image interpretation (including OCR, OMR, medical image processing), information extraction (including from novels, legal judgments, medical reports), as well as intelligent tutor systems and simulation systems.

The chair is also part of [ESF ZDEX- Digital experimental field for companies](#) . Prof. Puppe leads there together with [Prof. Flath](#)the network "Data mining, artificial intelligence and (deep) learning for the world of work 4.0". A tutor system for machine learning for novices can be found [here](#).

Current

➤ [Workshop on Logic Programming - WLP 2020](#)

The annual WLP workshops provide a forum for exchanging ideas on declarative logic programming, non-monotonic reasoning, and knowledge representation, and facilitate interactions between research in theoretical foundations and in the design and implementation of logic-based systems.

[More](#)

opic Disease Detecti challenge (EDD 202

➤ Winner of the 2020 Endoscopic Disease Detection Challenge

Adrian Krenzer and Amar Hekalo took first place in this year's Endoscopic Disease Detection Challenge (EDD2020). This is the automatic identification of diseases in various organs from endoscopy images.

More

➤ AI - overview and societal outlook

The generally understandable article gives an overview of important approaches and methods based on the history of artificial intelligence and then discusses possible social effects of current and future artificial intelligence. It will appear in the "Robotics and Law" series.

More

➤ **Additional Reports**