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Interests in (Bio-) Informatics und (Bio-) Mathematics

- Computational Neuroscience
- Systems Biology
- Medical Image Processing, Analysis, and Visualization
- Data Mining
- Software Engineering (Java, Python, Matlab, C++, FTN)

Current Research and Development Projects

- EEG and MEG Forward and Inverse Modeling
- Platelet systems biology
- Workflow System for Medical Image Processing, Analysis, and Visualization
- Brain-Computer-Interface BCI
- Cross-Platform Software using Java 8 (JavaFX/3D)