

Supervisor's Assessment of PhD Thesis – Oldřich Kodym

The PhD thesis of Oldřich Kodym deals with deep learning for processing medical data. The author focused on personalized modeling and reconstruction of skulls, but his work during the studies exceeded this narrow topic.

Oldřich was working very hard during his PhD studies and he managed to publish at respected forums. In late phases of his research he was close to practice and his research and development were driven by application needs. At the same time, he managed to avoid the common pitfall of going too deep in the applications – his research maintained a very solid academic level and his publications are of very high quality.

Oldřich's work on cranial implants modeling helped shape the MICCAI AutoImplant Challenge and he established himself as a respected member of the academic community dedicated to automatic design of surgical implants.

Oldřich Kodym has my deep respect for his attitude to work, his curiosity, scientific honesty, sense for detail but also for his personal qualities and friendliness. I have no doubt that he deserves the title PhD and that his dissertation thesis and his publication record are unquestionable proofs of his qualities.

Brno, June 15th 2021

prof. Ing. Adam Herout, Ph.D.