

Practical Course: Computer Vision for Human-Computer Interaction

SS 2023

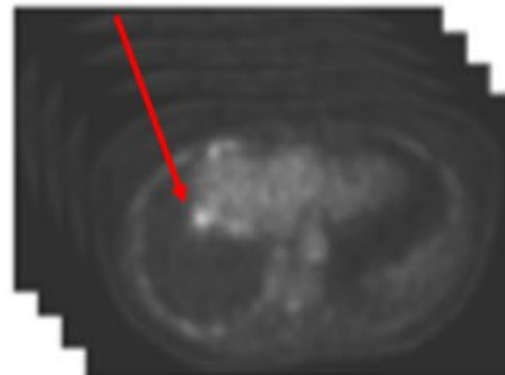
M.Sc. Zdravko Marinov

Institute for Anthropomatics and Robotics, Karlsruhe Institute of Technology (KIT)

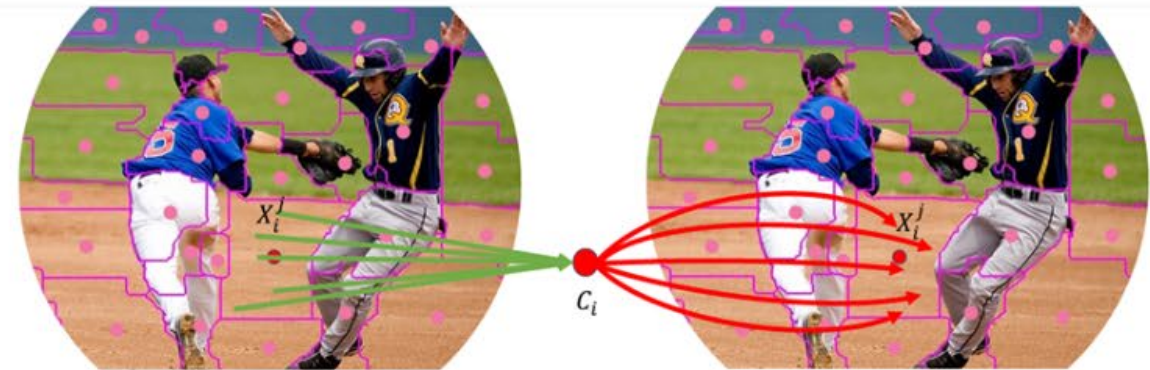


CT

active tumour



PET



Overview

- Talks (20 min / topic)
 - 15 min presentations
 - 5 min Q&A
- 6 groups in total

| Time | Topic | Participants |
|---------------|--|------------------------------|
| 14:00 – 14:20 | Line tracing for instance segmentation of line plots | Philipp, Sebastian |
| 14:20 – 14:40 | Fall detection with synthetic video data | Robin, Jan, Moritz |
| 14:40 – 15:00 | Action recognition with noisy labels | Daniel, Linjuan, Bariş |
| 15:00 – 15:20 | Anatomy-guided interactive segmentation | Jakob, Julius, Kevin |
| 15:20 – 15:40 | Guided mobile HR-3D scanning | Valentin, Franziska, Nicolas |
| 15:40 – 16:00 | Context clusters for panoramic semantic segmentation | Tao, Haixi, Qiyu |