

Motivation

- Coming from theoretical side of mechanical --> Machine Vision, ML Data driven, Internship at Sick
- challenge drives me
- ML has high relevance

Past research

- Object Detection
- Self Supervised Learning
- Multi-Modal Fusion
- Frame failure as big learning no paper

Future research agenda

- Coming from perception
- Currently following the line of research of nerf pixel nerf, gaussian splatting and mvsplat
- Self supervised representation learning and pretraining
- Curriculum learning in combination with regularizing the learning process

References

