Object discovery

Downstream benefits Fundamental questions

Segmentation



Fixed #slots

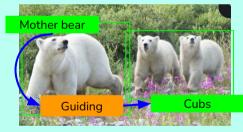


 Segmentation models excel zero-shot with variable #masks!

Remove spurious background

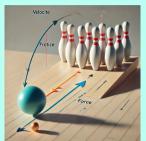


Build scene-graphs



- Drive practical applications with OCL
- Need more benchmarks!

Understand physics



Simulate human development



 Need exploration whether OCL helps

Current research focus

Recommended focus in the future