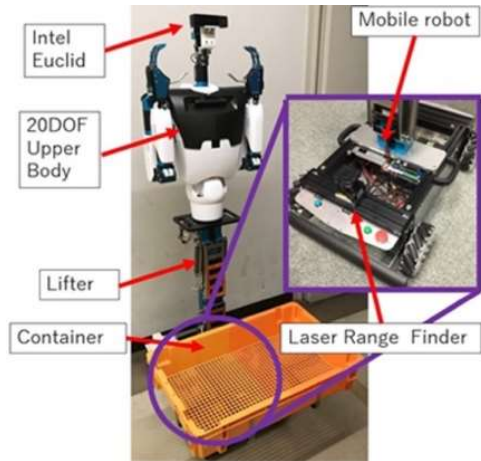


Team Meijo (Japan)



Development point

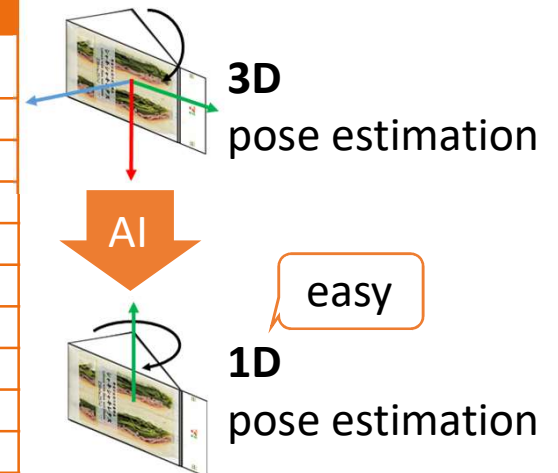
1. Intelligent Shelf
When our robot is close to the shelf, the shelf draws its drawer.
→easy motion planning
2. Markerless Pose Estimation
Our new AI estimates the object surface placed on the shelf.
→easy pose estimation



Introduction of your team

【Inspiration, motivation to form a team】
Ohara Lab. and Tasaki Lab. joined WRS 2018 and were able to know each technology (Robot design and AI). We will win if we integrate both technologies.
【Future outlook】
double arm manipulation in order to finish the task faster

Role	Name	Affiliation/Title	Specialty, Field of study
Team leader	Tsuyoshi Tasaki	Meijo University, Tasaki Laboratory, Associate Professor	Robot Vision
Recognition	Yusuke Ibuki	Meijo University, Tasaki Laboratory, M2	Robot Vision
Recognition	Kazuhisa Matsumoto	Meijo University, Tasaki Laboratory, M1	Robot Vision
Motion planning, design	Ryusei Tomikawa	Meijo University, Ohara Laboratory, M2	Motion Planning, Robot Design
Motion planning, design	Maika Iwai	Meijo University, Ohara Laboratory, M2	Motion Planning, Robot Design
Motion planning, design	Kazufumi Kobayashi	Meijo University, Ohara Laboratory, M1	Motion Planning, Robot Design
Motion planning, design	Mayu Suzuki	Meijo University, Ohara Laboratory, B4	Motion Planning, Robot Design
Motion planning, design	Yuma Takemura	Meijo University, Ohara Laboratory, B4	Motion Planning, Robot Design
Motion planning, design	Hisanori Suito	Meijo University, Ohara Laboratory, B4	Motion Planning, Robot Design



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HP etc. Ohara Laboratory <https://www1.meijo-u.ac.jp/~kohara/cms/> Tasaki Laboratory https://www1.meijo-u.ac.jp/~tasaki/cms_new/