



RoboCup 2015 Hefei · China

17 ~ 18 Jul.
Setup Day
19 ~ 22 Jul.
Competitions
23 Jul.
Symposium



RoboCup
@Home

RoboCup 2015 Poster Teaser Presentation

Tech United Eindhoven



TU/e

Technische Universiteit
Eindhoven
University of Technology

July 8, 2015

Where innovation starts



AMIGO

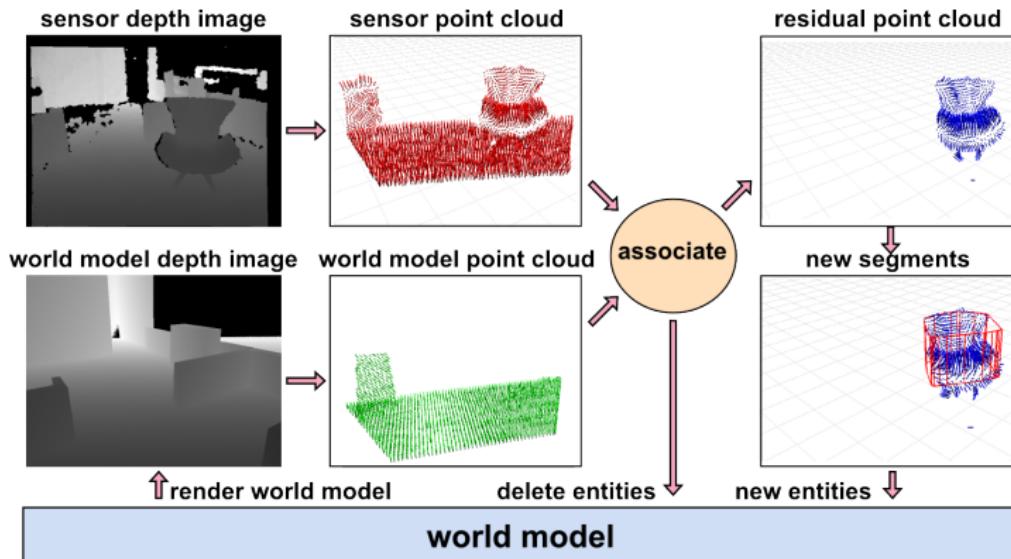
- ▶ Holonomic base platforms
- ▶ Moveable upper bodies
- ▶ 7-DoF manipulators
- ▶ Designs on Robotic Open Platform



SERGIO

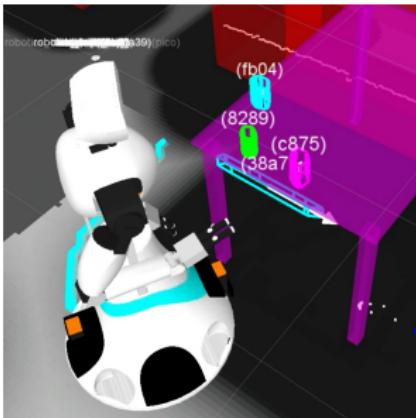
World modeling

3/5





Picking up an object

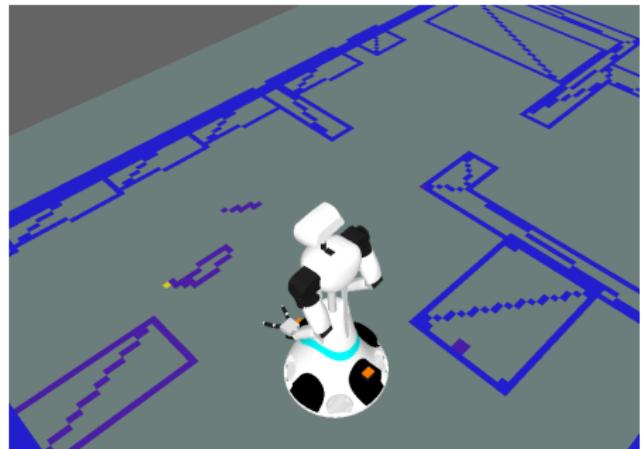


World model view

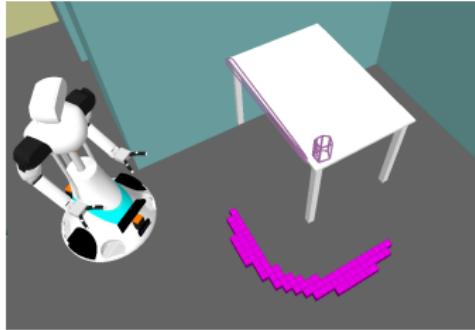
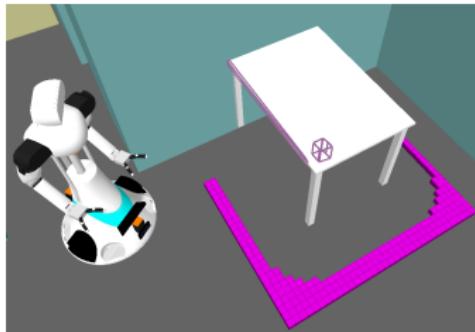


Sensor view

- ▶ Navigation map:
downprojection of world model
entities
- ▶ Task dependent goal regions
- ▶ DWA planner with state
behavior



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