

ROBOTS



1. 발표자 소개
2. ROS2 TSC
3. TurtleBot3

ROBOTIS

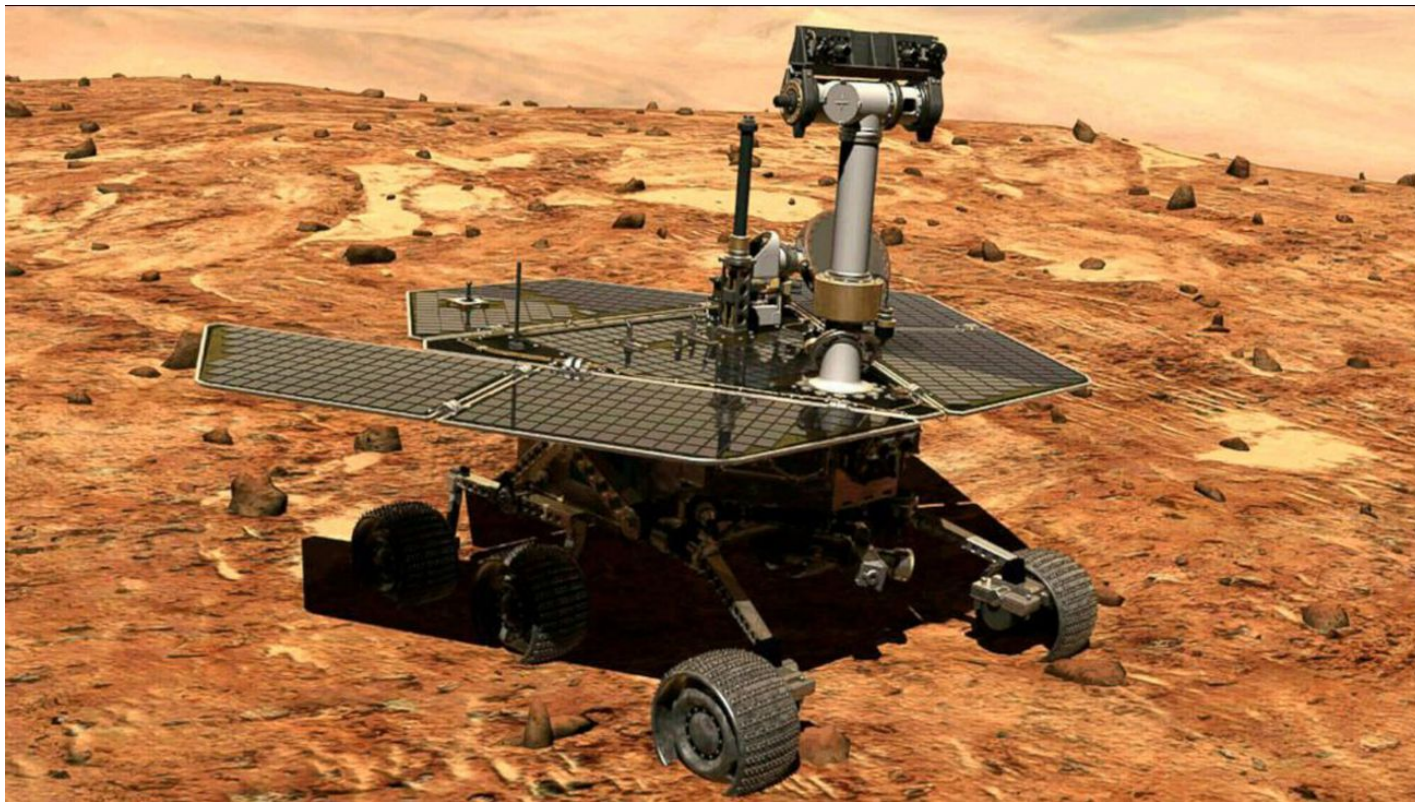
3

발표자 소개



4

발표자 소개



5

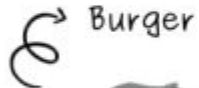
발표자 소개





TURTLEBOT3

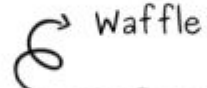
TurtleBot3



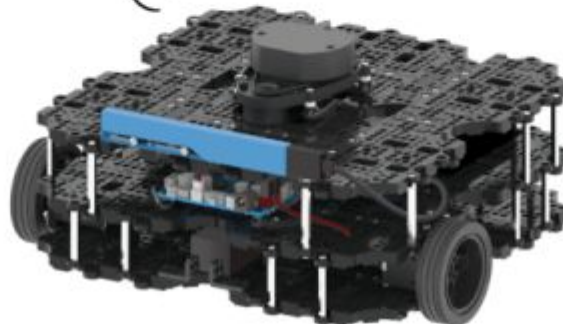
Burger



TurtleBot3



Waffle



Open Robotics (↗ Open Source Robotics Foundation, Inc)



Brian Gerkey



Tully Foote

TSC 멤버



ADLINK Technology: Joe Speed



Amazon: Aaron Blasdel



Apex.AI: Dejan Pangercic



Bosch: Karsten Knese



Canonical: Kyle Fazzari



eProsim: Jaime Martin Losa



Intel: Harold Yang



LG Electronics: Lokesh Kumar Goel



Microsoft: Sean Yen



Open Robotics: Chris Lalancette



PickNik: Dave Coleman



ROBOTIS: Will Son



Rover Robotics: Nick Fragale



Samsung: Steven Macenski



GVSC: Jerry Towler (SwRI)



Tier IV: Jilada Eccleston



Toyota Research Institute: Ian McMahon

Wind River: [Andrei Kholodnyi](#)

+ Community Representatives

TSC의 역할

ROS의 향상에 기여

- 패키지 개발
- 문서화 작업
- 플랫폼 개발 (ROBOTIS, Rover Robotics)
- 커뮤니티 (ROS Discourse) 관리
- ROS 개발 방향성 설정

TSC Working Groups (WG)

Control (Bosch)

Edge AI (ADLink)

Embedded (e-Prosima)

Manipulation (PickNik)

Navigation (Samsung Research)

Real-time (Apex.AI)

Safety (OR)

Security (Canonical)

Tooling (AWS RoboMaker)

Middleware (OR)

Galactic Geochelone (May, 2021)

- 기본 ROS 미들웨어(RMW) : Cyclone DDS vs Fast RTPS (TSC RMW Reports)
- C++17
- 로드맵

Turtlebot3

Turtlebot3_msgs

Turtlebot3_simulations

DynamixelSDK

hls_lfcd_lds_driver

Turtlebot3_applications

Turtlebot3_deliver

Turtlebot3_gazebo_plugin

Turtlebot3_autorace

Turtlebot3_applications_msgs

Turtlebot3_manipulation

Turtlebot3_manipulation_simulations

Turtlebot3_machine_learning

Turtlebot3_home_service_challenge