Griffith University – Ritsumeikan University

Joint Symposium on Field Robotics

Date 13:00 – 17:00, November 17, 2014 (Monday)
Place Seminar Room K304, Epoch Ritsumei 21, Ritsumeikan University

13:00 – 13:20  Jun Jo (Griffith)
Australian Robotic Industries and The Griffith Robotics Lab

13:20 – 13:40  Ryuta Ozawa (Ritsumeikan)
Transmission Design and Control of Robotic Hands

13:40 – 14:00  Javier Molina Mendez (Ritsumeikan)
Aerial Grasping and Load Transportation Using Multirotor Helicopters

14:00 – 14:20  Vitor Bottazzi (Griffith)
An efficient ego-lane detection model to avoid false-positives detection of guardrails

14:20 – 15:00  Yukito Tsunoda (Griffith)
Sensor Fusion for a Smartphone-driven Autonomous car

15:00 – 15:20  Coffee Break

15:20 – 15:40  Shinichi Hirai (Ritsumeikan)
Research Activities at Ritsumeikan Robotics Research Center

15:40 – 16:00  Michael Lennon (Griffith)
SLAM with a Lidar on a Drone

16:00 – 16:20  Ken Sullivan (Griffith)
Correlation between Key Points of Feature Extraction and Illumination Levels

16:20 – 16:40  Shimonomura Kazuhiro (Ritsumeikan)
Control of Aerial Robots Employing Embedded Vision System

16:40 – 17:00  Tommi Sullivan (Griffith)
Distance Measure using signal strength of WiFi and Zigbee.

17:00 – 17:20  Le Hoai Phuong (Ritsumeikan)
Application of Origami Structure for Floating Aerial Robot

17:20  Wrap up