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