MonAM-5   **Robotics and Control**

Chair: Shuichi Kurogi, Sung-Bae Cho

Room: Conference Room IV

10:40	-	11:00

Neural Dynamic Programming for Event-Based Nonlinear Adaptive Robust Stabilization

Ding Wang[1], Hongwen Ma[1], Derong Liu[2], Huidong Wang[3]

[1]Institute of Automation, Chinese Academy of Sciences [2]University of Science and Technology Beijing [3]Shandong University of Finance and Economics

11:00	-	11:20

Entropy Maximization of Occupancy Grid Map for Selecting Good Registration of SLAM Algorithms

Daishiro Akiyama[1], Kazuya Matsuo[1], Shuichi Kurogi[1]

[1]Kyushu Institute of Technology

11:20	-	11:40

Analysis of an Intention-Response Model inspired by Brain Nervous System for Cognitive Robot

Jae-Min Yu[1], Sung-Bae Cho[1]

[1]Yonsei University

11:40	-	12:00

Dynamic Surface Sliding Mode Algorithm Based on Approximation for Three-dimensional Trajectory Tracking Control of an AUV

Kai Zhang[1], Tieshan LI[1], Yuqi Wang[1], Zifu Li[2]

[1]Dalian Maritime University [2]Jimei University