Poster Presentation at a Glance
Poster Session 1
Date & Time: 12:45-13:35, Sep. 22, 2016
Venue: 2F Concourse Section

Booth #	Poster Code	Author	Paper Title
1	Th2aPo1.1	Kisida, Masako	Event-Triggered Control Signal Updates with Self-Triggered Sampling for Uncertain Linear Systems
2	Th2aPo1.2	Shieh, Ming-Yuan	Integration of Adaptive Image Segmentation Algorithm for Android Soccer System
3	Th2aPo2.1	Modegi, Toshio	Proposal for 3D-Printing Regulation Technique in Fabricating Illegal Objects Using Feature-Vector Based Matching Algorithm of 3D Shapes
4	Th2aPo2.2	Suzuki, Haruka	Development of a Mobile Robot in Indoor Environment for Model Predictive Control
5	Th2aPo2.3	Tanabe, Shoya	Development of a Communication System in Indoor Environments for Multi-Robots and Formation Control
6	Th2aPo2.4	Hsiao, Yi-Shao	Robust Converter Control Design for a Hybrid PEMFC System
7	Th2aPo2.5	Aoki, Tatsu	Proposal of New Data-Acquisition Method Based on Step Response for Parameter Estimation
8	Th2aPo2.6	Watabe, Keisuke	Revived System Transformation for Four Wheel Vehicles Subject to State Constraints
9	Th2aPo2.7	Park, Kang-Bak	On the Finite Time Reaching Phase of Nonsingular Terminal Sliding Mode Control for Second-Order Linear Systems
10	Th2aPo2.8	Katsumata, Hisatoshi	Stabilization and Tracking Control of Propagating Wave Segments in an Excitable Medium with PI Control
11	Th2aPo2.9	Tanaka, Ikki	A Novel Scenario Generation with K-Means for Stochastic Programming Model in Optimal Allocation of Renewable DG
12	Th2aPo2.10	Izumi, Yusuke	Uniformity Control of Energy Stored in a Pair of Car-Sharing Stations
13	Th2aPo2.11	Jeng, Jyh-Cheng	Direct Closed-Loop Tuning of 2DoF PID Controllers for Unidentified Processes
14	Th2aPo2.12	Suwannik, Podcharapol	Design of Predictive PID Control and Model Predictive Control for Level Control Loop Using Feedback from Fieldbus and Wireless Transmitters
15	Th2aPo3.1	Shibata, Kouji	Fundamental Study on Measurement of Complex Permittivity in Liquids Based on a Combination of the Open-Ended Cut-Off Waveguide and Comparison of Expressions with Reference Material
16	Th2aPo3.2	Kouda, Daichi	Intelligent Multi-Protocol Gateway for Sensor Network
17	Th2aPo3.3	Fu, Dongmei	Retinal Status Analysis Based on Feature Quantification in OCT Images
18	Th2aPo3.4	Hsu, Cheng-Chih	Glucose Concentration Measurement by Enzymatic Modification Dove Prism with Heterodyne Interferometer
19	Th2aPo3.5	Han, Xiabing	A Novel 3D Reconstruction Method from a Single Uncalibrated Camer
20	Th2aPo3.6	Fukushima, Katsumi	A Sensor Fusion of the Millimeter-Wave Radar and Camera-Based Visual Processing for Detection of Lanes in the Automated Driving
21	Th2aPo3.7	Ijima, Hiroshi	Quantification of Scanning Image for Spot Test Using TLC Plate Compensating Lack of Spot Overlaps
22	Th2aPo3.8	Tsuchiya, Daisuke	Fingerspelling Translation Based on Forearm Electoromyogram
23	Th2aPo4.1	Sekimoto, Masahiro	Alleviation of Excessive Inputs by Using Redundant Degrees of Freedom of a Manipulator in Turning a Crank
24	Th2aPo4.2	Sekimoto, Masahiro	Gripping a Supporting Object with an Uncertain State in Task Space Control Eliminating Some of Control Variables
25	Th2aPo4.3	Watanabe, Satowa	A Body Sway Mitigation Method Based on Tactile Stimulation
26	Th2aPo4.4	Senuma, Takatoo	Investigation of a Suitable Update Cycle of GUI in an RSNP Teleoperated Robot System
27	Th2aPo4.5	Pinheiro Filho, Sergio Leonidas	Collision Avoidance at Very Narrow Pathways in a Tele-Operated Robot System
28	Th2aPo4.6	Harada, Andre	Development of a Basic Function for a Following Robot in a Human Gathering Environment
29	Th2aPo4.7	Goto, Takashi	Comparison of Spectral Characteristics in Ripeness Stages by Using Multispectral Imaging
30	Th2aPo4.8	Nakano, Sota	Development of Devices to Measure Loads on Care-Receivers' Lower Limbs on Assisted Transfer
31	Th2aPo4.9	Miyawaki, Kazuto	Arm Movement Support Device for Rehabilitation
32	Th2aPo4.10	Cao, Meifen	Human Fall Detection Using Eigenspace Method with Skeletal Image
33	Th2aPo5.1	Lu, Tzyy-Chyang	Feedrate Optimization for NURBS Parametric Curves
34	Th2aPo5.2	Cao, Bosheng	The Analysis of Elderly's Driving Behavior Assisted by Experts for a Data-Driven ADAS Design
35	Th2aPo5.3	Lin, Jia-Huei	A Wise Electronic Differential System for Power Decentralized Electric Vehicles
36	Th2aPo6.1	Yamazaki, Yusuke	Development of FES Alternate Knee Bending and Stretching System with RISE-Based Control
37	Th2aPo6.2	Yoshida, Yuki	A Hybrid Human Support Bionic Devices Consisted of Rigid Body Mechanics and Elastic Body Kinematics Analyzed by Multibody Dynamics
38	Th2aPo6.3	Singh, Balbir	The Bereitschaftspotential for Rise of Stand-Up towards Robot-Assist Device Preparation
39	Th2aPo6.4	Yamane, Nobumoto	On Evaluation of Automatic Visual Inspection Method Based on Supervised Machine Learning for Rapid On-Site Evaluation in EUS--FNA

Poster Presentation at a Glance
Poster Session 2
Date & Time: 13:45-14:30, Sep. 22, 2016
Venue: 2F Concourse Section

Booth #	Poster Code	Author	Paper Title
1	Th2bPo1.1	Hong, Sun-Mog	On Predicting Respiratory Motion Using a Stereotactic Imaging System
2	Th2bPo1.2	Shieh, Ming-Yuan	Motion Recognition Based Physically Human-Robot Interaction Controls
3	Th2bPo2.1	Kitajima, Yoshitomo	On Fault Tolerance of PID Control Systems with Actuator Failure
4	Th2bPo2.2	Kwon, Nam Kyu	Output-Feedback Control for Singular Markovian Jump Systems
5	Th2bPo2.3	Wang, Fu-Cheng	Design and Optimization of Inerter Layouts for a Multi-Layers Building Model
6	Th2bPo2.4	Nishizawa, Hideaki	Effects of Random Traffic on Packet Dispersion Techniques Using a Linear Regression Model for Estimating End-To-End Available Bandwidth
7	Th2bPo2.5	Ueda, Takahiro	Control System Design for an Active Vibration Isolation Table Loading Dynamical Object
8	Th2bPo2.6	Sugimoto, Kenji	An Approach to Irregular Sampling State Observer Design
9	Th2bPo2.7	Jung, Seul	An Identification Technique for Non-Minimum Phase Systems by a Recursive Least Square Method
10	Th2bPo2.8	Takagi, Yasuo	A Method of Heat Penetrating Loss Estimation for the Buildings
11	Th2bPo2.9	Oyama, Hiroyuki	Stochastic Model Predictive Control Based on Data-Driven Linearization of Nonlinear System in Augmented Latent Space
12	Th2bPo2.10	Kawamura, Kiyonori	A Study on Effective Demand Response Program in Electric Power System Based on Results of Demonstrative Field Test
13	Th2bPo2.11	Thao, Nguyen Gia Minh	A SFOC-Based Scheme with PI-ANN Controller to Regulation of Output Powers and Reduction of Current Harmonics for DFIG under Unbalanced Voltage Dips
14	Th2bPo3.1	Yang, Tao	Supervised Laplacian Graph Multiple Kernel Classification
15	Th2bPo3.2	Zhang, Xiaoyong	A Real-Time Homography-Based Tracking Method for Tracking Deformable Tumor Motion in Fluoroscopy
16	Th2bPo3.3	Shimosako, Naoki	Decomposition of Dioctyl Phthalate (DOP) Using Titanium Dioxide Photocatalyst in a Vacuum for Contamination Removal of Spacecraft
17	Th2bPo3.4	Jinbu, Itaru	Accuracy Improvement of Positional Measurement System Using Ultrasonic Waves for Indoor Flying Robot
18	Th2bPo3.5	Kamiya, Yukihiro	A New Approach for Joint Parameter Estimation of Multiple Phase-Varying Periodic Signals in White Gaussian Noise
19	Th2bPo3.6	Nishiguchi, Junya	Practical Compensation Method for Intelligent Industrial Sensors with Support Vector Regression
20	Th2bPo3.7	Kamata, Kazuki	Detection of Metacognitive Process by Using Spectrum and Self-Similarity Analysis of EEG Signal in Super Short Time Series
21	Th2bPo3.8	Pruttiakaravanich, Anupon	A Convex Formulation for Path Analysis in Structural Equation Modeling
22	Th2bPo4.1	Suleiman, Wael	User-Safe Orthosis Based on Compliant Actuators: Mechanical Design and Control Framework
23	Th2bPo4.2	Amirshirzad, Negin	Synergistic Human-Robot Shared Control Via Human Goal Estimation
24	Th2bPo4.3	Sekimoto, Masahiro	Deceleration Control of Null-Space Motions Induced by External Forces in a Robotic Serving Task with Maintenance of Endpoint Attitudes
25	Th2bPo4.4	Tachiiri, Motoki	Preliminary Experiment on Influence of Frequency and Amplitude of Vibrotactile Stimulation on Velocity Perception in Automobiles
26	Th2bPo4.5	Tsukamoto, Kazuki	Development of Intra-Oral Interface to Effect Change Taste Continuously by Using Electrical Stimulation
27	Th2bPo4.6	Miura, Kazumasa	High-Speed Position Control of Dynamic Compliant Actuator Using Elastic Potential Energy
28	Th2bPo4.7	Kim, Cheongjun	An Empirical Model of Friction Force between a Needle and Soft Tissue
29	Th2bPo4.8	Koyanagi, Ken'ichi	Evaluation of Grasping Accuracy When Using Passive Force Display Glove
30	Th2bPo4.9	Kim, Kun-Jung	Evaluation of Driving Performance for Planetary Exploration Rover According to Variation of Slip Ratio and Wheel Shape
31	Th2bPo4.10	Yap, Miao Sin Robin	Evaluation of a Head Motion Synchronization System in the Communicative Process between Human and Robot
32	Th2bPo5.1	Katoh, Makoto	Action Mode Effect, Inference and Yields Analysis of Compound Miss-Over-Orders to Improve Imperative Sentences
33	Th2bPo5.2	Katoh, Makoto	Question and Answer System Generation from Messages or Voice Announcement Using Similarity and One Learning Neuron
34	Th2bPo5.3	Wagatsuma, Hiroaki	A Timing Coordinator Model for Automated Driving with Reasonable Inferences Derived from the Ontology-Based Hierarchical Representations of Constraints and Risks on the Road
35	Th2bPo5.4	Lee, Heejin	Self-Driving System Using GPS Coordinate Tracking under Relative Distance
36	Th2bPo5.5	Yoshida, Shogo	Correction Method of Wind Speed Prediction System Using Predicted Wind Speed Fluctuation