

## Poster Session (Lobby, 3Fl.)

### Friday, November 16 (4:30 PM to 5:30 PM)

Session Chairs: *SeongWoo Kwak*, Keimyung Univ. (Korea, Republic of)

*Daeyeong Im*, KITECH (Korea, Republic of)

| <b>Pa Advanced Fuzzy Control</b> |                  |                       |                             |   |
|----------------------------------|------------------|-----------------------|-----------------------------|---|
|                                  | <b>Paper No.</b> | <b>Presenter</b>      | <b>Corresponding Author</b> | <b>PaperTitle</b>   |
| Pa-1                             | P00105           | Meng Xu               | Haobin Shi                  | Hierarchical Decision-Making Method of Fuzzy Ant ColonyAlgorithm for Cooperative Mission Planning of Military UAV         |
| Pa-2                             | P00111           | Shicong Chen          | Haobin Shi                  | Research on Path Planning of Mobile Robot Based on Fuzzy Q-learning   |
| <b>Pb Theory</b>                 |                  |                       |                             |   |
|                                  | <b>Paper No.</b> | <b>Presenter</b>      | <b>Corresponding Author</b> | <b>PaperTitle</b>   |
| Pb-1                             | P00011           | Changming Zhu         | Changming Zhu               | Matrix-pattern-oriented Ho-Kashyap Classifier with Regularization Learning and Universum                                  |
| Pb-2                             | P00046           | Jeong Min Kang        | Jin Bae Park                | A Real-time Position Estimation Method using Vision and Map Information   |
| <b>Pc Applications</b>           |                  |                       |                             |   |
|                                  | <b>Paper No.</b> | <b>Presenter</b>      | <b>Corresponding Author</b> | <b>PaperTitle</b>   |
| Pc-1                             | P00008           | XIAOYUN YE            | Myung-Mook Han              | Paxos Algorithm in Alert Correlation  |
| Pc-2                             | P00016           | Suyeon Kim            | Seokwon Yeom                | Experimental Study on Concealed Object Detection with Image Interpolation   |
| Pc-3                             | E00018           | Jae-Won Choi          | Jong-Wook Kim               | A Nutrient Deficiency Prediction Method Using Deep Learning on Development of Tomato Fruits                               |
| Pc-4                             | P00054           | Suhyeon Lee           | Euntai Kim                  | Robust Object Detection and Tracking for Autonomous Driving   |
| Pc-5                             | P00076           | Young Gi Seo          | SeongWoo Kwak               | Load Measurement Algorithm for Vehicles using Tire Deformation  |
| Pc-6                             | P00089           | Sunyoung Bu           | Sunyoung Bu                 | An efficient way for learning process of Recurrent Neural Network   |
| Pc-7                             | P00090           | Byeongjun Cho         | Myunggeun Chun              | Generative Adversarial Nets Based Facial Information Protection   |
| Pc-8                             | P00091           | Won-Geun Ahn          | Won-Geun Ahn                | An Analytical Study on Performance Improvement of Actuator Using Fuzzy Control Algorithm                                  |
| Pc-9                             | P00094           | Hye-Jin Kim           | Yong-Hyuk Kim               | Recent Progress on Graph Partitioning Problems Using Evolutionary Computation   |
| Pc-10                            | P00095           | Sungtaek Oh           | Junhyung Park               | A Study on the ML based IoT device abnormal detection   |
| Pc-11                            | P00096           | Chi-Wen Hsieh         | Chi-Wen Hsieh               | Signal Reconstruction of Cross Detector for Pencil Beam Scanning of Proton Therapy  |
| Pc-12                            | P00099           | Seulgi Lee            | Seulgi Lee                  | Study on Management for Indicators of Compromise with Attack Pattern  |
| Pc-13                            | P00100           | Hyeisun Cho           | Junhyung Park               | A Study on Deriving Risks of Cyber Threat Information   |
| Pc-14                            | P00122           | Wangsu Joen           | SangYong Rhee               | Obstacle recognition and avoidance maneuver using a camera of a drone on the sea  |
| Pc-15                            | P00123           | Frank Chung-Hoon Rhee | Frank Chung-Hoon Rhee       | Interval Type-2 Fuzzy Radial Basis Function Neuron Model for Neural Networks  |
| <b>Pd Industries</b>             |                  |                       |                             |   |
|                                  | <b>Paper No.</b> | <b>Presenter</b>      | <b>Corresponding Author</b> | <b>PaperTitle</b>   |
| Pd-1                             | P00014           | Dae Hyeon Hwang       | Youngchul Bae               | Development of Multi Dish Washing Machine   |
| Pd-2                             | E00023           | Musengimana Clenie    | Seong-Eun Yoo               | Real-time scheduling based on multi-channel communication in IEEE 802.15.4 Industrial Internet of things (IIoT)           |
| Pd-3                             | P00074           | Kateryna Filonenko    | Kateryna Filonenko          | The cause-effect relationships determination of the fuzzy cognitive map's features in distance learning analysis problems |
| Pd-4                             | P00102           | Myoung Sung Kim       | Dong Hun Kim                | Development of an Apparatus and its program for Quantification of Myotome Test  |
| Pd-5                             | P00109           | Youngho Kim           | Sangsung Park               | Quantitative Patent Information Analysis Using Patent Indicator and Textrank  |
| Pd-6                             | P00110           | Juhyun Lee            | Sangsung Park               | A Study on the Visualization of Technology using weighted Global Vectors for Word Representation                          |