

ISIKM2020 Program

December 11, Friday (Beijing Time, the same below)

14:00 – 16:00 (Testing Room)

Online PPT Presentation Test

December 12, Saturday

09:00 – 09:20 (A Room)

Opening Ceremony

Chair: Prof. Peng SHI (The University of Adelaide, Australia; General Chair of ISIKM2020)

Opening Remarks

Prof. Changgong MENG (President, Dalian University, China; Advisory Committee Chair, ISIKM2020)

09:20 – 10:20 (A Room)

Keynote Speech I

AutoPM: Automatic Learning and Analytics from Processes

Prof. Hyerim BAE (Pusan National University, Korea)

Chair: Prof. Peng SHI (The University of Adelaide, Australia)

10:40 – 11:40 (A Room)

Keynote Speech II

Internet of Things (IoT) Promotes the Development of China's Agriculture

Prof. Xuexi HUO (Northwest A&F University, China)

Chair: Prof. Junhu RUAN (Northwest A&F University, China)

13:00 – 14:50 Parallel Sessions (A, B, C Rooms)

15:10 – 17:30 Parallel Sessions (A, B, C Rooms)

December 13, Sunday

08:00 – 09:50 Parallel Sessions (A, B, C Rooms)

10:10 – 12:10 Parallel Sessions (A, B, C Rooms)

13:30 – 15:20 Parallel Sessions (A, B, C Rooms)

15:40 – 17:10 Parallel Sessions (A, B, C Rooms)

17:30 – 18:00 (A Room)

Closing Ceremony

△ISIKM2020 will be hosted via ZOOM platform. Important notices on meeting ID/link, etc. will be sent to all authors who will attend ISIKM2020 via email before December 10, 2020.

Technical Sessions

December 12, Saturday

13:00 – 14:50 A Room

A1: Decision Support Systems and Applications

Chair: Prof. Bo Lin (Dalian University, China)

A1-1

ISIKM2020-018

Analysis of Benefits and Risks of Stakeholders in Shared Parking Spaces Based on SEM Model

Wensheng Yang and Juan Ma (China)*

A1-2

ISIKM2020-019

Reverse Logistics of Municipal Solid Waste – Research on Transport Route Problem

Wensheng Yang and Yajie Hu (China)*

A1-3

ISIKM2020-027

Research and Application of a Novel Hybrid Forecasting System for Gold Price Forecasting

Meng Du (China)

A1-4

ISIKM2020-034

A Strategic Decision-Making Information Fusion Approach Based on Knowledge Element Relation Mining

Lin Sun (China)

A1-5

ISIKM2020-052

Research on the Knowledge Sharing Strategy between Government and Universities Based on Differential Game

Shouliang Zhou and Chunhua Wei (China)*

A1-6

ISIKM2020-064

Evaluation and Selection of Third Party Logistics Service Providers for H Chemical Company

Lei Shi and Na Chen (China)*

December 12, Saturday

13:00 – 14:50 B Room

B1: Knowledge Management and IoT Applications

Chair: Prof. Junhu Ruan (Northwest A&F University, China)

B1-1

ISIKM2020-SS08-01

A Model for Joint Planning of Production and Distribution of Fresh Produce in Agricultural Internet of Things

Jiliang Han, Na Lin, Junhu Ruan, Xuping Wang, Wei Wei and Huimin Lu (China)*

B1-2

ISIKM2020-SS08-02

Fertigation Management for Sustainable Precision Agriculture Based on Internet of Things

Na Lin, Xuping Wang, Yihao Zhang, Xiangpei Hu and Junhu Ruan (China)*

B1-3

ISIKM2020-SS08-03

Knowledge Sharing in Service Suppliers' Involvement for Servitization of Manufacturing Companies: An Evolutionary Game Model of Complex Networks

Ruize Ma, Xuping Wang and Junhu Ruan (China)*

B1-4

ISIKM2020-SS08-05

An IoT-Blockchain Framework Embedded with DEA to Improve Greenhouse Production Efficiency: A Case Study of Cucumbers

Yuhu Liang, Li Ma, Li Cui, Tianteng Wang, Yan Shi and Junhu Ruan (China)*

B1-5

ISIKM2020-SS08-06

Comparison among Different Power Structures in a Dual-Channel Cross-Border E-Retail Supply Chain

Zilai Sun, Junhu Ruan, Xuping Wang and Wenping Fan (China)*

B1-6

ISIKM2020-049

Knowledge Map Visualization of Intelligent Emergency Research

Hui Xu and Shuxiu Li (China)*

B1-7

ISIKM2020-050

A Novel NPD Team Formation Method Based on Social Network Approach

Jiafu Su, Fengting Zhang and Xin Yu (China)*

December 12, Saturday

13:00 – 14:50 C Room

C1: Management Engineering

Chair: Dr. Huipo Wang (Hebei University of Engineering, China)

C1-1

ISIKM2020-SS05-03

Research on Intelligent Optimization of Government Emergency Management Driven by Big Data
Guanghui Han and Yao Gu (China)*

C1-2

ISIKM2020-SS05-04

Rural Breadwinners' Financial Investment Decision-Making Behavior in Hebei Province: The Influence of Financial Knowledge, Risk Perception and Social Factors
Yongqiang Xu, Thien Sang Lim and Kun Wang (China)*

C1-3

ISIKM2020-SS05-05

Knowledge and Information for Household Dietary Intake of Micro Nutrient-Rich, Locally-Available Food – A Case Study in 8 Pilot Villages
Lei Zhang and Xiaoying Jian (China)*

C1-4

ISIKM2020-SS05-06

Study on Subsidy Strategy of E-Commerce Consumers Choosing Green Packaging from the Perspective of Social Network
Huipo Wang and Chen He (China)*

C1-5

ISIKM2020-041

Supply Chain Dynamic Strategies Considering Consumer Green Perception under Government Subsidy Policies
Shan Chen and Junbo Tuo (China)*

December 12, Saturday

15:10 – 17:30 A Room

A2: Accounting and Financial Information Systems

Chair: Dr. Shouliang Zhou (Dalian University, China)

A2-1

ISIKM2020-011

Efficiency Evaluation of Ports in Bohai Rim Region Based on Three-Stage DEA

Beibei Zhu and Bo Lin (China)*

A2-2

ISIKM2020-012

Analysis of the Effect of Equity Incentive on Corporate Financialization and Innovation Investment

Bo Lin and Xiaoru Xue (China)*

A2-3

ISIKM2020-013

Survey on Family Education Expenditure during the COVID-19 Epidemic

Haifeng Xu and Shanshan Chen (China)*

A2-4

ISIKM2020-017

Port Efficiency Evaluation Based on Three-Stage DEA Model

Wendi Lu and Bo Lin (China)*

A2-5

ISIKM2020-020

An Empirical Study on the Impact of Financial-Industrial Integration on Enterprises' Innovation Output

Haifeng Xu and Jinli Deng (China)*

A2-6

ISIKM2020-051

Could Internal Control Quality and National Audit Improve the Stated Owned Enterprises Value?

Shouliang Zhou and Yanmei Han (China)*

A2-7

ISIKM2020-059

Research on Port Competitiveness and Port and City Synergy in China's Bohai Rim

Jian Xing (China)

A2-8

ISIKM2020-060

Strategic Assessment of "Belt and Road" on the Development of China's Coastal Ports and Ports

Jian Xing (China)

December 12, Saturday

15:10 – 17:30 B Room

B2: Control System and Fault Detection

Chair: Prof. Xiaojie Su (Chongqing University, China)

B2-1

ISIKM2020-002

Adaptive Control of Second Order Nonlinear Systems with Injection and Deception Attacks under External Disturbance

Yue Yang, Jiangshuai Huang and Xiaojie Su (China)*

B2-2

ISIKM2020-004

Distributed Asynchronous Impulsive Consensus of One-Sided Lipschitz Nonlinear Multi-Agent Systems

Tiedong Ma and Zhengle Zhang (China)*

B2-3

ISIKM2020-005

Impulsive Consensus of One-Sided Lipschitz Nonlinear Multi-Agent Systems with Semi-Markov Switching Topologies

Tiedong Ma, Kun Li and Zhengle Zhang (China)*

B2-4

ISIKM2020-008

Output-Constrained Tracking Control of an Underwater Vehicle and Manipulator System with Control Input Nonlinearities

Zhi Zheng, Xiaojie Su, Tao Jiang and Lianhua Li (China)*

B2-5

ISIKM2020-009

Differential Control of Six-Wheeled Mobile Robot Based on New Kinematic Model

Yaoyao Tan, Baoyu Wen, Chunting Jiao and Xiaojie Su (China)*

B2-6

ISIKM2020-016

Tracking Control for High-Order Nonlinear Systems Subject to Actuator and Sensor Attacks

Rui Gao and Jiangshuai Huang (China)*

B2-7

ISIKM2020-063

A Finite Frequency Domain Approach to Fault Tolerant Controller Design for Continuous-Time Markov Jump Linear Systems

Nuo Xu and Yanzheng Zhu (China)*

B2-8

ISIKM2020-071

A Probability Theory Approach to Stability Analysis of Networked Sampled-Data Systems with Packet Dropouts

Yongkang Su and Zhipei Hu (China)*

B2-9

ISIKM2020-078

Reference Colour Based Fuzzification on RGB Images

Xin Yuan, Michael John Liebelt, Peng Shi and Braden J. Phillips (Australia)*

December 12, Saturday

15:10 – 17:30 C Room

C2: Data Analytics and Knowledge Discovery

Chair: Prof. Minjung Kwak (Soongsil University, Korea)

C2-1

ISIKM2020-SS06-01

Review-Based Control Charts for Service Quality Monitoring: A Brief Review and Future Directions

Suah Kim, Sohyun Park and Minjung Kwak (Korea)*

C2-2

ISIKM2020-SS06-02

Text Mining-Based Kano Quality Factor Mapping

HaeKyung Lee, Myung Soo Cha and Taioun Kim (Korea)*

C2-3

ISIKM2020-SS06-03

Digital Twin Usage for Services

Chang Seong Ko, HaeKyung Lee, Hong Bae Kim and Taioun Kim (Korea)*

C2-4

ISIKM2020-SS06-04

Prediction of Vessel Arrival Time Using AIS Data

Hyeonho Kwun and Hyerim Bae (Korea)*

C2-5

ISIKM2020-SS06-05

Prediction of the Quay Crane's Handling Time with External Handling Factors

Eunju Lee, Kikun Park, Dohee Kim, Hyerim Bae and Changwoo Hong (Korea)*

C2-6

ISIKM2020-SS06-06

Fe2vec: Prediction of Software Change Propagation Using a Deep Learning Model

Ahmed Hamdi A. and Jihwan Lee (Korea)*

C2-7

ISIKM2020-SS06-07

Classification of Skin Diseases and Disorders Using Convolutional Neural Network on a Mobile Application

Nico Bernardo Setiawan, Friska Natalia, Ferry Vincenttius Ferdinand, Sud Sudirman and Chang Seong Ko (Indonesia)*

C2-8

ISIKM2020-SS06-08

Mobile Application for Asthma Prediction Using Fuzzy-Certainty Factor Expert System

Fisichela Thioanda, Friska Natalia, Ferry Vincenttius Ferdinand, Sud Sudirman and Chang Seong Ko (Indonesia)*

C2-9

ISIKM2020-SS06-09

Predicting Stroke, Hypertension, and Diabetes Diseases Based on Individual Characteristics

Ferry Vincenttius Ferdinand, Johan Sebastian and Friska Natalia (Indonesia)*

December 13, Sunday

8:00 – 9:50 A Room

A3: Marketing Information Management and Systems

Chair: Dr. Lin Ma (Dalian University of Foreign Languages, China)

A3-1

ISIKM2020-003

The Impact of Flow Experience on Perceived Value and User Stickiness: Taking Competitive Games as an Example

Xiaonan Chu and Tao Wen (China)*

A3-2

ISIKM2020-021

Research on the Inventory of Online Merchants in the Pre-Sale Mode of Deposit

Xue Yan, Yunfu Huo and Lin Ma (China)*

A3-3

ISIKM2020-024

Research on the Influence of Social E-Commerce Service Quality and UGC Quality on Customer Citizenship Behavior

Zhizheng Chen and Hui Guan (China)*

A3-4

ISIKM2020-025

Literature Review and Prospects of Big Data Marketing Based on Its Research Framework

Hongwei Wu and Hui Guan (China)*

A3-5

ISIKM2020-035

The Promotion Factors of Green Marketing of Food Delivery

Sili Wang (China)

December 13, Sunday

8:00 – 9:50 B Room

B3: Robot Control and Information Detecting and Filtering

Chair: Prof. Yina Wang (Shenyang University of Technology, China)

B3-1

ISIKM2020-SS02-01

Hybrid Knowledge Base for Caring Robots

Guang Yang, Shuoyu Wang and Junyou Yang (Japan)*

B3-2

ISIKM2020-SS02-02

Ito Stochastic Modeling and Control for an Omnidirectional Rehabilitative Training Walker with Velocity Constraint

Hongbin Chang, Xiaojie Su and Shuoyu Wang (China)*

B3-3

ISIKM2020-SS02-03

Event-Triggered Sliding Mode Control of Markovian Jump System

Xiaojie Su, Chunlian Wang and Hongbin Chang (China)*

B3-4

ISIKM2020-SS02-04

Sliding Mode Control for a Human Support Robot with Omniwheel Touchdown Characteristic

Fandi Qing, Xiaojie Su and Hongbin Chang (China)*

B3-5

ISIKM2020-SS02-05

Intelligent Obstacle Avoidance Wheelchair Based on Fuzzy Reasoning

Delong Zhang, Yina Wang, Zhongliang Liu and Junyou Yang (China)*

B3-6

ISIKM2020-SS02-06

A New Type of Muscle Deformation Sensor for Predicting Hand Grip Strength

Liwei Zheng, Yina Wang, Junyou Yang and Shuoyu Wang (China)*

B3-7

ISIKM2020-079

Reinforcement Learning Based Extended Kalman Filter Simultaneous Localization and Mapping

Muyu Wu, Xin Yuan, Yang Fei, Peng Shi (Australia)*

December 13, Sunday

8:00 – 9:50 C Room

C3: Management Information System

Chair: Prof. Seok Chan Jeong (Dong-Eui University, Korea)

C3-1

ISIKM2020-SS09-02

A Study on the Success Factors of the Used Car Websites in S. Korea

Seok Chan Jeong and Jin Hyun Bae (Korea)*

C3-2

ISIKM2020-SS09-03

Impact of Digital Strategic Orientation on Organization Performance through Digital Transformation Capability

Jiatong Yu and Taesoo Moon (Korea)*

C3-3

ISIKM2020-SS09-06

Conformity Assessment Provisioning for 5G Convergence Service

Changsoo Lee, Kitae Shin and Chankwon Park (Korea)*

C3-4

ISIKM2020-SS09-07

Automation of the Process of Examining and Requesting Medical Care Benefit Cost Using Robotic Process Automation

Joohyung Kim and Dongsoo Kim (Korea)*

December 13, Sunday

10:10 – 12:10 A Room

A4: Business Strategy and Information Systems

Chair: Dr. Shuang Zhao (Dalian University, China)

A4-1

ISIKM2020-014

Evolutions of Economic Zones' Interaction in Innovation – Based on the Three-Dimensional Analysis of Organization, Geography and Technology

Feifei Yan and Wensheng Yang (China)*

A4-2

ISIKM2020-023

Research on Platform Organization Based on Knowledge Map

Shuang Zhao and Mengying Ye (China)*

A4-3

ISIKM2020-026

Research on Governance Structure and Operational Efficiency of Manufacturing Listed Companies

Yan Pu (China)

A4-4

ISIKM2020-030

Research on the Coordinated Development of Marine Economy and Marine Industrial Structure from the Perspective of Low-Carbon Economy

Zuoliang Lv, Xiaona Yang and Lin Jiang (China)*

A4-5

ISIKM2020-040

Research on the Function of Shared Service Center in the Construction of Dual Circulation of Economy in China

Jihui Sun and Ziqi Shen (China)*

December 13, Sunday

10:10 – 12:10 B Room

B4: Control Theory and Applications (1)

Chair: Dr. Huiyan Zhang (Chongqing Technology and Business University, China)

B4-1

ISIKM2020-042

Improved Event-Triggered H_∞ Control for Semi-Markovian Jump Systems under Hybrid Cyber-Attacks

Huiyan Zhang, Wengang Ao and Zongmin Liu (China)*

B4-2

ISIKM2020-043

A Novel Optimization Design Method of Screw Rotor Form Grinding Wheel Based on Cutting Performance

Zongmin Liu, Wengang Ao and Huiyan Zhang (China)*

B4-3

ISIKM2020-044

Event-Triggered H_∞ Control for Semi-Markovian Jump Systems with Partially Unknown Transition Probabilities

Ping Lan and Zongmin Liu (China)*

B4-4

ISIKM2020-045

Improved Event-Triggered Sliding Mode Control of Switched Systems with Disturbances

Rongni Yang and Luyao Wang (China)*

B4-5

ISIKM2020-046

Elastic Limit Analysis of Composed Thick-Wall Cylinder Considering Difference in Tension-Compression Strength

Wengang Ao, Zongmin Liu and Huiyan Zhang (China)*

B4-6

ISIKM2020-047

Urban Water Management System through Ensembled Neural Networks

Wenru Zeng, Xu Gao and Zhiwei Guo (China)*

B4-7

ISIKM2020-048

Gas Concentration Detection in Exhaust of Coal Energy Based on Spectroscopy

Xue Zhou and Huiyan Zhang (China)*

December 13, Sunday

10:10 – 12:10 C Room

C4: Industrial and Information Systems

Chair: Prof. Changmuk Kang (Soongsil University, Korea)

C4-1

ISIKM2020-SS03-01

Severity of Usability Problems and System Usability Scale (SUS) Scores on Augmented Reality (AR) User Interfaces

Iverton B. Lima, Yewon Jeong, Chaeyeon Lee, Gangseok Suh and Wonil Hwang (Korea)*

C4-2

ISIKM2020-SS03-02

A Study on the Influence on Continuance Intention to Use of Mobile Paid Contents

YongCho Lee, Tai-Woo Chang and HongJoo Lee (Korea)*

C4-3

ISIKM2020-SS03-03

Adversarial Multivariate Regression and Auto-Regression for Predicting Completion Time of Container Terminals Operation

Imam Mustafa Kamal and Hyerim Bae (Korea)*

C4-4

ISIKM2020-SS03-04

Constraint-Mapping Based Collaboration Procedure for Enhancing Commonality of Supplier Manufacturing Processes

Changmuk Kang (Korea)

C4-5

ISIKM2020-SS03-05

Round-Trip Time Calculation of Both Full-Floor and High-Rise Elevators Considering Passengers' Arrival Rates

Taehwan Kim, Jongbeom Han, Seungyeon Seong and Jae-Dong Son (Korea)*

C4-6

ISIKM2020-SS03-06

Network Design for Time-Phased Collaboration in Delivery Service

Muzaffar Makhmudov, Young Tae Park, Young Hwan Sohn and Chang Seong Ko (Korea)*

C4-7

ISIKM2020-SS03-07

A Device-Life Model for Reliability Demonstration Test of a Product Made up of a Large Array of Electronic Devices

Changmuk Kang (Korea)

C4-8

ISIKM2020-SS03-08

An Order Picking Algorithm for Vertically Stacked Top-Retrieval Storage Systems

Changmuk Kang (Korea)

December 13, Sunday

13:30 – 15:20 A Room

A5: Advanced Multimedia Information and IoT Applications

Chair: Prof. Thi Thi Zin (University of Miyazaki, Japan)

A5-1

ISIKM2020-SS10-01

On Development of a Non-Contact and Easy Method for Estimating the Ellipticity around the Dolphin's Girth in a Free-Ranging State

Hirimitsu Hama and Tadamichi Morisaka (Japan)*

A5-2

ISIKM2020-SS10-02

Smart Irrigation: An Intelligent System for Growing Strawberry Plants in Different Seasons of the Year

Ye Htet, Htin Kyaw Oo and Thi Thi Zin (Japan)*

A5-3

ISIKM2020-SS10-03

Systematic Inclusion Study on Some Rare Gemstones of the Mogok Area, Mandalay Region, Myanmar

Htin Lynn Aung, Thaire Phyu Win and Thi Thi Zin (Myanmar)*

A5-4

ISIKM2020-SS10-04

Consumer Behavior Analyzer in Internet of Things (IoT) Environments

Swe Nwe Nwe Htun, Thi Thi Zin and Pyke Tin (Japan)*

A5-5

ISIKM2020-031

Lane Detection in a Mountainous Region through Boundary Extraction Network

Bohao Peng, Shimin Liu and Rui Li (China)*

A5-6

ISIKM2020-032

Accurate and Fast Hand-Eye Calibration for the Mobile Manipulator

Yong Li, Qi Qi and Yanan Liu (China)*

A5-7

ISIKM2020-033

Slope Detection Based on Rasterized Pavement

Zhensheng Zhou, Hao Zhang and Xiaojun Cheng (China)*

December 13, Sunday

13:30 – 15:20 B Room

B5: Control Theory and Applications (2)

Chair: Prof. Jinpeng Yu (Qingdao University, China)

B5-1

ISIKM2020-001

Finite-Time Adaptive Sliding Mode Formation Control of Second-Order Multi-Agent Systems

Yang Fei, Peng Shi and Cheng-Chew Lim (Australia)*

B5-2

ISIKM2020-037

Adaptive Finite-Time Backstepping Control of Flexible-Joint Manipulator with Input Saturation

Dongdong Wang, Lin Zhao and Jinpeng Yu (China)*

B5-3

ISIKM2020-056

Resource-Aware Formation Control of Uncertain Multi-Agent Systems

Bing Yan and Peng Shi (China)*

B5-4

ISIKM2020-070

Command Filtered Adaptive Fuzzy Backstepping Fault-Tolerant Control against Actuator Fault

Xiaoxiao Zheng, Xun Sun, Nanzhu Lu and Qikun Shen (China)*

B5-5

ISIKM2020-077

Event-Triggering Dissipative Consensus for Fuzzy Multi-Agent Systems with Markov Switching Topologies

Jiafeng Yu, Peng Shi, Wen Xing and Qinsheng Li (China)*

December 13, Sunday

15:40 – 17:10 A Room

A6: Sound Systems and Applications

Chair: Prof. Shunsuke Ishimitsu (Hiroshima City University, Japan)

A6-1

ISIKM2020-SS01-01

Study of Controlling the Intended Sound Impression by Passive Noise Control

Kenta Murai and Shunsuke Ishimitsu (Japan)*

A6-2

ISIKM2020-SS01-02

Low-Frequency Sound Design of a Car Engine Using Distortion Products

Natsuki Yamagiwa, Yu Aburagi, Noriyuki Tanimoto, Shunsuke Ishimitsu, Satoshi Fujikawa
Mitsunori Matusmoto and Yasuki Murakami (Japan)*

A6-3

ISIKM2020-SS01-03

Study on Disease-Detection Methods Using Body-Conducted Sounds in Pigs

Kazunari Tsuchiya, Shunsuke Ishimitsu, Yoshiko Morinaga, Yibing Cheng, Kenta Narusawa
Satoshi Iijima, Masashi Nakayama, Osamu Mikami, Michihiro Takagi, Hiroaki Inoue
and Aiko Ishida (Japan)*

A6-4

ISIKM2020-SS01-04

Basic Examination of Noise Masking in the Hiroshima Peace Memorial Ceremony

Shintaro Sato and Shunsuke Ishimitsu (Japan)*

A6-5

ISIKM2020-SS01-05

Effect of High-Resolution Audio on Evoked Response Audiometry

Noriyuki Tanimoto, Yuki Fukuda and Shunsuke Ishimitsu (Japan)*

A6-6

ISIKM2020-SS01-06

Improvement of Speech Recognition Performance Using Model Estimation for Hearing-Impaired
Speech

Daisuke Iwase, Masashi Nakayama and Shunsuke Ishimitsu (Japan)*

December 13, Sunday

15:40 – 17:10 B Room

B6: Control Theory and Applications (3)

Chair: Prof. Dezhi Xu (Jiangnan University, China)

B6-1

ISIKM2020-065

Collaborative Consistency Control Algorithm Research of Multiple Virtual Synchronous Generators

Ziyang Cheng, Dezhi Xu and Weilin Yang (China)*

B6-2

ISIKM2020-066

A Fractional-Order Sliding Mode Control for Virtual Synchronous Generators in Microgrid

Qi Teng, Dezhi Xu and Weilin Yang (China)*

B6-3

ISIKM2020-067

Adaptive Fractional Sliding Mode Control of Ship's DC Microgrid Based on Prescribed Performance

Wei Zhang, Dezhi Xu and Weilin Yang (China)*

B6-4

ISIKM2020-068

Cooperative Tracking Control for Linear Induction Traction Systems Using Model-Free Adaptive Fractional Order Control

Weiming Zhang, Tinglong Pan and Dezhi Xu (China)*

B6-5

ISIKM2020-069

A Funnel Control for Permanent Magnet Linear Synchronous Motor via Nonsingular Terminal Sliding Mode Method

Bo Ding, Dezhi Xu and Weilin Yang (China)*

December 13, Sunday

15:40 – 17:10 C Room
C6: Poster Session

PS-1

ISIKM2020-006

New Solution of Over Tourism Based on Service Dominant Logic
Soji Lee (Japan)

PS-2

ISIKM2020-022

Research on Pricing Decision of Supply Chain Channel for New Products Incubated
by E-Commerce under Consumer Experience Preference
Yunfu Huo and Pin Lv (China)

PS-3

ISIKM2020-028

Empirical Study on Impact Factors of Short Video Information Credibility
Shuang Wang, Yuqi Bi and Yanzhou Li (China)

PS-4

ISIKM2020-029

Research on Tik Tok Users' Satisfaction Based on Fuzzy Comprehensive Evaluation
Yanzhou Li, Yuqi Bi, Shuang Wang and Yiran Chen (China)

PS-5

ISIKM2020-036

State Constraints-Based Fuzzy Adaptive Finite-Time Position Tracking Control for DC Motor
Chen Song, Jiapeng Liu, Jinpeng Yu, Yumei Ma, Xiaoping Zhang and Zhenxiang Lv (China)

PS-6

ISIKM2020-038

Command Filtered Control for PMSMs Discrete-Time System with Input Saturation
Yumeng Xu, Jiapeng Liu, Yumei Ma, Jinpeng Yu and Qixin Lei (China)

PS-7

ISIKM2020-057

The Impact of Economic Policy Uncertainty on Stock Market Liquidity
Yang Liu and Yunxi Ma (China)

PS-8

ISIKM2020-058

Game Research on Food Safety Supervision on Online Catering Platform
Yang Liu, Yuxin Han and Huipo Wang (China)

PS-9

ISIKM2020-061

Payment Schemes Incentive for Improving Prevention and Treatment in Chronic Diseases
Shifu Pan and Haiyan Wang (China)

PS-10

ISIKM2020-062

Coordinated Attitude Control of Spacecraft Based on Finite Time Theory
Xiaomei Cheng, Lixiang Wang, Huayi Li and Ming Liu (China)

PS-11

ISIKM2020-076

Non-Fragile Asynchronous Filtering for Markov Jump Systems with Randomly Occurring Filter Parameters Fluctuation

Lun Liang (China)

PS-12

ISIKM2020-SS03-09

Allocation of Logistics Sharing Cost in Refrigerated Logistics Warehouse

Jae-Min Kim, Gyusung Cho, Chang-Seong Ko and Young-Tae Park (Korea)

PS-13

ISIKM2020-SS05-02

Study on Production-Distribution of Perishable Food Considering the Change of Customer Time Window

Xiangyang Ren, Shangcheng Du and Wuchao Liang (China)

PS-14

ISIKM2020-SS09-01

A Predictive Model for Oscillating Water Column Wave Energy Converters Based on Machine Learning

Dongwoo Seo, Taesang Huh, Myungil Kim, JaeWon Oh, SuGil Cho and Seok Chan Jeong (Korea)

PS-15

ISIKM2020-SS09-04

A Study on the Antecedents of Revisit Intention for Korean Medical Tourism: Focusing on Chinese Medical Tourists

Wonjong Kim and Jaesin Oh (Korea)

PS-16

ISIKM2020-SS09-05

Visualization of Simulation Results Based on Mobile Augmented Reality

Myungil Kim, Dongwoo Seo, Sangjin Park and Seok Chan Jeong (Korea)

PS-17

ISIKM2020-SS09-08

Pavement Crack Severity Management Based on Deep Learning

Yunjung Shin, Minsoo Kim, Kyong-Won Pak and Dongsoo Kim (Korea)