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Co-Chair: Schaut, Stefan	University of Stuttgart

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Prof. Keum-Shik Hong	
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Co-Chair: Narukawa, Terumasa	Saitama University
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Chair: Fu, Minyue

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Chair: Hirata, Mitsuo

Utsunomiya University

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Regular Session

Chair: Khairuddin, Uswah Malaysia -Japan International Institute of Technology (MJIT),
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Beijing University of Chemical Technology

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Conference Room 11

Advanced Control Methods and Applications

Invited Session

Chair: Tsai, Ching-Chih	National Chung-Hsing Univ
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Co-Chair: Yu, Gwo-Ruey	National Chung Cheng University
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Organizer: Tsai, Ching-Chih	National Chung-Hsing Univ
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Chair: Zamani, Mohammad

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Zhao, Jun	Dalian University of Technology, Dalian, Liaoning
Wang, Linqing	Dalian University of Technology, Dalian, Liaoning

TuB3

Conference Room 21CD

System Theory (2)

Regular Session

Chair: Okuyama, Yoshifumi	Humanitech Laboratory
Co-Chair: Han, Dongkun	The Chinese University of Hong Kong

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Konkoly, Tibor

Slovak University of Technology in Bratislava

Gulan, Martin

Slovak University of Technology

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Nonlinear Control (2)

Regular Session

Chair: Wang, Xiangyu

Southeast University

Co-Chair: Iwai, Masataka

Mhi Ns Engineering

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Wang, Liping	Qufu Normal University
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Chair: Xu, Jun	Harbin Institute of Technology, Shenzhen
Co-Chair: Abe, Naoto	Meiji University

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Zhao, Jun	Zhejiang University
Xu, Zuhua	Zhejiang University
Zou, Tao	Chinese Academy of Sciences
Wang, Yong	Xian Jiaotong University
Hu, Jianchen	Xian Jiaotong University
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Li, Zhen

Harbin Institute of Technology(shenzhen)

Xu, Jun

Harbin Institute of Technology, Shenzhen

Li, Jiangan

Harbin Institute of Technology (ShenZhen)

TuB7

Conference Room 33

Identification and Estimation (1)

Regular Session

Chair: Sun, Lianming

The University of Kitakyushu

Co-Chair: Godoy, Boris I.

Boston University

14:00-14:20, Paper TuB7.1

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Liu, Xinyu

Faculty of Environmental Engineering, the University of Kitakyus

Sun, Lianming

The University of Kitakyushu

Liu, Jianing

The University of Kitakyushu

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Lin, Ye	Boston University
Aguero, Juan C.	Universidad Santa Maria
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Li, Zhengming	Jiangsu University
Ding, Shihong	Jiangsu University
Wang, Mengling	East China University of Science and Technology

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Farhan, Muhammad Farhan	Capital University of Sciences & Technology, Islamabad
Zafar, Usman	Capital University of Science and Technology, Islamabad
Ahmed, Qadeer	The Ohio State University

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Yang, Qinmin	Zhejiang University
Fu, Lingkun	Zhejiang University
Chen, Qi	Zhejiang Windey Co., Ltd
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Sun, Youxian	Zhejiang Univ

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Miyagusuku, Renato	The University of Tokyo
Califano, Federico	University of Twente
Faragasso, Angela	The University of Tokyo
Yamashita, Atsushi	The University of Tokyo
Asama, Hajime	The Univ. of Tokyo

TuC1 Conference Room 11
Novel Controllers for Mechanical Systems Invited Session

Chair: Nonaka, Kenichiro Tokyo City University
Co-Chair: Celikovsky, Sergej Academy of Sciences of the Czech Republic
Organizer: Nonaka, Kenichiro Tokyo City University
Organizer: Iwase, Masami Tokyo Denki University
Organizer: Sekiguchi, Kazuma Tokyo City University

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Li, Jingyu Changchun Institute of Optics, Fine Mechanics and Physics, China
Bian, Ning Dongfeng Technical Center, Dongfeng Motor Corporation
Li, Kai Jilin University
Chen, Hong Jilin University, Campus NanLing

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Tsuno, Koushi	Tokyo City University
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Tamba, Tua	Parahyangan Catholic University
Faruqi, Ismail	Institut Teknologi Bandung
Waluya, M. Brahma	Institut Teknologi Bandung
Widyotriatmo, Augie	Bandung Institute of Technology

TuC2

Cooperative Control (2)

	International Conference Room
	Regular Session
Chair: Tan, Chang	East China Jiaotong University
Co-Chair: Dou, Liya	Shanghai Jiao Tong University

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Hu, Qinglei	Harbin Institute of Technology
Wang, Chenliang	Beihang University
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Zamani, Mohammad	DSTG
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Dou, Liya	City University of Hong Kong
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Song, Cheng	Nanjing University of Science and Technology
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Raza, Ali	Department of Electrical Engineering, International Islamic Univ
Iqbal, Muhammad	IIU
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Co-Chair: Katayama, Hitoshi	Shizuoka University

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Xi, Zairong	Laboratory of Systems Andcontrol, Institute of Systems Science, A

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Okamura, Daichi	Mie University

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Endo, Ayato	Tokai University
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Dong, Ruili	Shanghai Normal University
Tan, Qingyuan	University of Windsor
Chen, Xiang	University of Windsor

TuC5

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Regular Session

Chair: Cheng, Chih-Chiang	National Sun Yat-Sen University
Co-Chair: Lee, Min Cheol	Pusan National University

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Lai, Xuzhi	China University of Geosciences
Zhang, Pan	China University of Geosciences; Hubei Key
Wu, Min	China University of Geosciences

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Kallu, Karam Dad	Pusan National University
Lee, Min Cheol	Pusan National University
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East China University of Science and Technology

Niu, Yugang

East China University of Science & Technology

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Qufu Normal University

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Qufu Normal University

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Qufu Normal University

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Aoyama Gakuin University

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Chair: Li, Dewei

Shanghai Jiao Tong University

Co-Chair: Namerikawa, Toru

Keio University

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Mohd Hatta, Mohammad Ariff

Universiti Teknologi Malaysia

Zamzuri, Hairi

Malaysia-Japan International Institute of Technology
University

Abdul Rahman, Mohd Azizi

MJIIT KL

Mazlan, Saiful Amri

MJIIT KL

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Shanghai Jiao Tong University

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Xi'an Jiaotong University

Wang, Yong	Xian Jiaotong University
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Xu, Zuhua	Zhejiang University
Zou, Tao	Shenyang Institute of Automation, Chinese Academy of Sciences
Yang, Yuanqing	Xi'an Jiaotong University
Ping, Xubin	Xidian University

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Shao, Zhijiang	Zhejiang University

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Regular Session

Chair: Nguyen, Dinh Hoa	Kyushu University
Co-Chair: Suh, Young Soo	University of Ulsan

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Jikuya, Ichiro	Kanazawa University
Hori, Yasuaki	Kanazawa University
Takagi, Kentaro	Nagoya University

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Tanaka, Hideyuki

Hiroshima University

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Dang, Duc Cong

University of Ulsan

Suh, Young Soo

University of Ulsan

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Hägglom, Kurt E.

Abo Akademi Univ

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Chen, Xi

China University of Geosciences

Cao, Weihua

China University of Geosciences, Wuhan, China

Gan, Chao

China University of Geosciences

Wu, Min

China University of Geosciences

Technical Program for Wednesday June 12, 2019

WePPI	Main Hall
Control of Large-Scale Network Systems for Societal System Design	Plenary Session
Prof. Jun-Ichi Imura	
Chair: Hirata, Mitsuo	Utsunomiya University

WeA1	Conference Room 11
Advance of FDI and FTC with Applications	Invited Session
Chair: Yang, Hao	Nanjing University of Aeronautics and Astronautics
Co-Chair: Ye, Dan	Northestern University
Organizer: Yang, Hao	Nanjing University of Aeronautics and Astronautics
Organizer: Jiang, Bin	NUAA

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Yu, Ziquan	Northwestern Polytechnical University
Zhang, Youmin	Concordia University
Qu, Yaohong	Northwestern Polytechnical University
Su, Chun-Yi	Concordia Univ
Ma, Yajie	Nanjing University of Aeronautics and Astronautics
Jiang, Bin	NUAA

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Tao, Gang	Univ. of Virginia
Yang, Hui	East China Jiaotong University
Lu, Rongxiu	East China Jiaotong University

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Zhang, Tian-Yu	Northeastern University
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Song, Zhihuan Zhejiang University

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Xu, Yuhang Nanjing University of Aeronautics and Astronautics
Yang, Hao Nanjing University of Aeronautics and Astronautics
Jiang, Bin NUAA

WeA2

International Conference Room

Recent Advances on Control Technologies towards Realizing Society 5.0 Invited Session

Chair: Takai, Shigemasa Osaka University
Co-Chair: Nagahara, Masaaki The University of Kitakyushu
Organizer: Takai, Shigemasa Osaka University
Organizer: Nagahara, Masaaki The University of Kitakyushu
Organizer: Namerikawa, Toru Keio University
Organizer: Hatanaka, Takeshi Osaka University
Organizer: Kobayashi, Koichi Hokkaido University
Organizer: Hayashi, Naoki Osaka University

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Kotani, Kento Keio University
Namerikawa, Toru Keio University

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Maheshwari, Chinmay IIT Bombay
Sukumar, Srikant IIT Bombay
Chatterjee, Debasish Indian Institute of Technology, Bombay

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State-Space Realization of Linear Time-Invariant Systems with Maximum Measure of Quality (I)..... 1376

Sheriff, Mohammed Rayyan IIT Bombay
Nagahara, Masaaki The University of Kitakyushu

11:20-11:40, Paper WeA2.4

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Kishida, Takamitsu	The University of Electro-Communications
Sawada, Kenji	The University of Electro-Communications
Shin, Seiichi	The University of Electro-Communications

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Adachi, Ryosuke	Hokkaido University
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Kobayashi, Koichi	Hokkaido University

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Nakajima, Kyohei	Hokkaido University
Yamashita, Yuh	Hokkaido University

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Conference Room 21CD

Artificial Intelligence

Regular Session

Chair: Okawa, Yoshihiro

Fujitsu Laboratories Ltd

Co-Chair: Huang, Yu-Lun

National Chiao Tung University

10:20-10:40, Paper WeA3.1

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Kim, Min Su	Pohang University of Science and Technology
Park, Taesu	Pohang University of Science and Technology
Park, PooGyeon	Pohang Univ. of Sci. & Tech

10:40-11:00, Paper WeA3.2

Emotion Regulation Based on Multi-Objective Weighted Reinforcement Learning for Human-Robot Interaction.....1402

Hao, Man	China University of Geosciences
Cao, Weihua	China University of Geosciences, Wuhan, China
Liu, Zhentao	China University of Geosciences
Wu, Min	China University of Geosciences
Yuan, Yan	China University of Geosciences (Wuhan)

11:00-11:20, Paper WeA3.3

An Improved Bat Algorithm Based on Multi-Subpopulation Search Strategy..... 1407

Yang, Bo	China Three Gorges University
Shen, Yanjun	China Three Gorges University
Yu, Hui	China Three Gorges University

11:20-11:40, Paper WeA3.4

MLoC: A Cloud Framework Adopting Machine Learning for Industrial Automation..... 1413

Sun, Wen-Lin	Dept. of Electrical and Computer Engineering, National Chiao Tung
Yeh, Kai-Wei	Dept. of Electrical and Computer Engineering, National Chiao Tung
Huang, Yu-Lun	National Chiao Tung University

11:40-12:00, Paper WeA3.5

Control Approach Combining Reinforcement Learning and Model-Based Control (I)..... 1419

Okawa, Yoshihiro	Fujitsu Laboratories Ltd
Sasaki, Tomotake	Fujitsu Laboratories Ltd./Massachusetts Institute of Technology
Iwane, Hidenao	Fujitsu Laboratories Ltd

WeA4

Conference Room 21AB

Variable-Structure/Sliding-Mode Control (1)

Regular Session

Chair: Fei, Juntao	Hohai University
Co-Chair: Zhao, Dongya	China University of Petroleum

10:20-10:40, Paper WeA4.1

Adaptive Super-Twisting Sliding Mode Control for Micro Gyroscope Using Fuzzy Sliding Gain..... 1425

Fei, Juntao	Hohai University
Feng, Zhilin	Hohai University

10:40-11:00, Paper WeA4.2

Sliding Mode Control of State-Saturated Systems under Dynamic Event-Triggered Protocol..... 1431

Song, Jun	East China University of Science and Technology
Niu, Yugang	East China University of Science & Technology
Chen, Bei	Shanghai University of Engineering Science

11:00-11:20, Paper WeA4.3

Sliding Mode Control with a Time-Varying Lemniscate-Based Sliding Surface..... 1437

Mizoshiri, Taichi	Tokyo Metropolitan University
Mori, Yasuchika	Transportation Systems & Electric Co., Ltd

11:20-11:40, Paper WeA4.4

Output Feedback Sliding Mode Control for Continuous Stirred Tank Reactors..... 1443

Feng, Jiehua	China University of Petroleum (East China)
Ma, Luning	China University of Petroleum
Zhao, Dongya	China University of Petroleum
Yan, Xing-Gang	University of Kent
Spurgeon, Sarah K.	University College London

11:40-12:00, Paper WeA4.5

Sliding Mode Control of Uncertain Switched Systems with Partly Known Sojourn Probabilities..... 1449

Zhao, Haijuan	East China University of Science and Technology
Niu, Yugang	East China University of Science & Technology
Zou, Yuanyuan	Shanghai Jiao Tong University

WeA5

Conference Room 22

Aerospace Engineering

Regular Session

Chair: Zhang, Ying	Harbin Institute of Technology
Co-Chair: Park, Chan Gook	Seoul National University

10:20-10:40, Paper WeA5.1

Adaptive Scene-Matching Algorithm Based on Frequency Analysis for Aerial Vehicle..... 1455

Choi, Sung Hyuk	Seoul National University
Park, Chan Gook	Seoul National University

10:40-11:00, Paper WeA5.2

Finite-Element Collocation Based Successive Convexification for Powered Landing Guidance of Reusable Rockets..... 1460

Ma, Lin	Zhejiang University
Wang, Kexin	Zhejiang University
Shao, Zhijiang	Zhejiang University
Song, Zhengyu	China Academy of Launch Vehicle Technology
Biegler, Lorenz T.	Carnegie Mellon Univ

11:00-11:20, Paper WeA5.3

Inscribed Polygon Method for Spacecraft Maneuvering Problem Arising in Single Axis Thruster Configuration..... 1466

Iskender, Burak Omer	Nanyang Technological University
Ling, Keck-Voon	Nanyang Technological University
Dubanchet, Vincent	Thales Alenia Space
Simonini, Luca	Thales Alenia Space

11:20-11:40, Paper WeA5.4

Attitude Stabilization for Flexible Spacecraft with Inertia Uncertainty by a Sliding Mode Control Law..... 1472

Wu, Ai-Guo	Harbin Institute of Technology (Shenzhen)
Dong, Rui-Qi	Harbin Institute of Technology Shenzhen Graduate School
Zhang, Ying	Harbin Institute of Technology
He, Liang	Shanghai Aerospace Control Technology Institute

11:40-12:00, Paper WeA5.5

Attitude Control Reconfigurability Analysis of 4-CMGs Pyramid Configuration Spacecraft..... 1478

Meng, Qingkai	Nanjing University of Aeronautics and Astronautics
Yang, Hao	Nanjing University of Aeronautics and Astronautics
Jiang, Bin	College of Automation Engineering, Nanjing University of Aeronautics

WeA6

Conference Room 32

Fault Detection (1)

Regular Session

Chair: Jing, Xing Jian	Hong Kong Polytechnic University
Co-Chair: Martynova, Dina	University of Kaiserslautern

10:20-10:40, Paper WeA6.1

Locating Bolt-Loosening Faults in Structures Using a Novel Second-Order Output Spectrum Based Method with a Local Tuning Approach..... 1483

Li, Quankun	Hong Kong Polytechnic University
Jing, Xing Jian	Hong Kong Polytechnic University

10:40-11:00, Paper WeA6.2

Kernel Adaptive Filtering Multiple-Model Actuator Fault Diagnostic for Multi-Effectors Aircraft..... 1489

Zhu, Peng	Air Force Engineering University
Dong, Wenhan	Aeronautics Engineering College, Air Force Engineering Univ.
Mao, Yuhao	Aeronautics Engineering College, Air Force Engineering Univ.
Shi, Haoyu	Aeronautics Engineering College, Air Force Engineering Univ.
Ma, Xiaoshan	Aeronautics Engineering College, Air Force Engineering Univ.

11:00-11:20, Paper WeA6.3

Fault Diagnosis of Chemical Processes Based on a Novel Adaptive Kernel Principal Component Analysis..... 1495

Geng, Zhiqiang	Beijing University of Chemical Technology
Liu, Fenfen	Beijing University of Chemical Technology
Han, Yongming	Beijing University of Chemical Technology
Zhu, Qunxiong	Beijing University of Chemical Technology
He, Yan-Lin	Beijing University of Chemical Technology

11:20-11:40, Paper WeA6.4

An Approach to Encrypted Fault Detection of Cyber-Physical Systems..... 1501

Martynova, Dina

University of Kaiserslautern

Zhang, Ping

University of Kaiserslautern

11:40-12:00, Paper WeA6.5

Vector Dissipativity-Based Distributed Fault Detection for Plantwide Chemical Processes..... 1507

Li, Wangyan

University of New South Wales

Yan, Yitao

University of New South Wales

Bao, Jie

The University of New South Wales

WeA7

Conference Room 33

Pattern Recognition

Regular Session

Chair: Li, Yuan

Beijing Institute of Technology

Co-Chair: Shao, Haibin

Shanghai Jiao Tong University

10:20-10:40, Paper WeA7.1

Assignment of Encryption Data Using Fog Computing Technology in Food Manufacturing Industry..... 1513

Sano, Tomonori

JPT Co., Ltd

Uraguchi, Tomotaka

PST Inc

Hiroshi, Deguchi

Tokyo Institute of Technology

Kurata, Tadashi

PieCake Inc

10:40-11:00, Paper WeA7.2

Two-Stream Convolutional Neural Networks with Natural Light and Depth Images for Hand Gesture Recognition..... 1519

Yan, Meiyang

Beijing Institute of Technology

Li, Yuan

Beijing Institute of Technology

11:00-11:20, Paper WeA7.3

Hand-Held 3D Dense Map Construction System Based on Improved ICP Algorithm..... 1525

Yu, Lei

Soochow University

Fu, Xiaofan

Soochow University

Xu, Haonan

Soochow University

Fei, Shumin

Southeast University

11:20-11:40, Paper WeA7.4

An RGBD-SLAM with Bi-Directional PnP Method and Fuzzy Frame Detection Module..... 1530

Li, Wenfa

Shanghai Jiao Tong University

Li, Dewei

Shanghai Jiao Tong University

Shao, Haibin

Shanghai Jiao Tong University

Xu, Yunwen

Shanghai Jiao Tong University

11:40-12:00, Paper WeA7.5

Spatio-Temporal Broad Learning Networks for Traffic Speed Prediction.....1536

Cui, Ziqiang

Zhejiang University

Zhao, Chunhui

Zhejiang University

12:00-12:20, Paper WeA7.6

Design of a Novel Functional Near-Infrared Spectroscopy System for Human Brain Imaging.....1542

Yaquub, Muhammad Atif

Pusan National University

Zafar, Amad

Pusan National University

Ghafoor, Usman

Pusan National University

Hong, Keum-Shik

Pusan National Univ

WeB1

Conference Room 11

Some Developments on Hybrid Systems

Invited Session

Chair: Toyoda, Mitsuru

The Institute of Statistical Mathematics

Co-Chair: Lu, Jianquan

Southeast University

Organizer: Li, Hai-Tao

Shandong Normal University

Organizer: Lu, Jianquan

Southeast University

Organizer: Liu, Yang

Zhejiang Normal University

14:00-14:20, Paper WeB1.1

Matrix Approach to Reachability of Parallel Interconnected Asynchronous Sequential Machines (I).....1548

Wang, Biao

Shandong University

Feng, June

Shandong University

14:20-14:40, Paper WeB1.2

The Analysis of Local Convergence of Boolean Networks with State-Based Disturbances (I).....1554

Li, Bowen

Southeast University

Lu, Jianquan

Southeast University

Li, Lulu

Hefei University of Technology

Zhong, Jie

City University of Hong Kong

Lou, Jungang

Department of Mathematics, Tongji University

14:40-15:00, Paper WeB1.3

MCMC Based Selection Probability Estimation for Probabilistic Boolean Networks (I).....1560

Toyoda, Mitsuru

The Institute of Statistical Mathematics

Wu, Yuhu

Dalian University of Technology

Lv, Maolong	Delft University of Technology
Baldi, Simone	Delft University of Technology
Liu, Zongcheng	Air Force Engineering University
Zhang, Wenqian	Air Force Engineering University
Zhou, Yang	Air Force Engineering University

15:00-15:20, Paper WeB3.4

A Unified Analysis Tool in Iterative Learning Control: Composite Energy Function..... 1601

Sebastian, Gijo	University of Melbourne
Tan, Ying	The University of Melbourne
Oetomo, Denny	University of Melbourne

15:20-15:40, Paper WeB3.5

Force Observer for an Upper Limb Rehabilitation Robotic Device Using Iterative Learning Control..... 1607

Sebastian, Gijo	University of Melbourne
Li, Zeyu	The University of Melbourne
Tan, Ying	The University of Melbourne
Oetomo, Denny	University of Melbourne

WeB4

Conference Room 21AB

Variable-Structure/Sliding-Mode Control (2)

Regular Session

Chair: Yan, Xing-Gang	University of Kent
Co-Chair: Pan, Tianhong	Anhui University

14:00-14:20, Paper WeB4.1

Satellite Attitude Control and Power Tracking with VSCMGs During Large-Angle and Agile Attitude Maneuvers..... 1613

Yoshihara, Hiroyuki	Keio University
Takahashi, Masaki	Keio University

14:20-14:40, Paper WeB4.2

A Novel Super-Twisting Algorithm-Based Direct Power Control Strategy for Doubly Fed Induction Generator..... 1619

Han, Yaozhen	Shandong Jiaotong University
Ma, Ronglin	Shandong Jiaotong University
Pan, Weigang	Shandong Jiaotong University
Wang, Changshun	Shandong Jiaotong University

14:40-15:00, Paper WeB4.3

Reheat Turbine LFC of Power Systems with Multiple Delays Based on Sliding Mode Techniques..... 1625

Onyeka, Adrian E.	University of Kent
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Yan, Xing-Gang	University of Kent
Mao, Zehui	Nanjing University of Aeronautics and Astronautics
Zhao, Dongya	China University of Petroleum
Jiang, Bin	NUAA

15:00-15:20, Paper WeB4.4

Controller Design for Second-Order Sliding Mode Dynamics with an Upper-Triangular Perturbation.....1631

Mei, Keqi	Jiangsu University
Ding, Shihong	Jiangsu University
Pan, Tianhong	Anhui University
Li, Zhengming	Jiangsu University

15:20-15:40, Paper WeB4.5

Dynamic Inversion-Based Sliding Mode Control of a Tilt Tri-Rotor UAV.....1637

Yu, Li	National University of Defense Technology
He, Guang	National University of Defense Technology
Zhao, Shulong	National University of Defense Technology
Wang, Xiangke	National University of Defense Technology

WeB5

Conference Room 22

Control Applications for Aerospace

Regular Session

Chair: Sato, Kazuya	Saga Univ
Co-Chair: Xu, Dabo	Nanjing University of Science and Technology

14:00-14:20, Paper WeB5.1

Simple Autonomous Flight Control of a UAV Flying above a UGV Using Onboard Camera Vision.....1643

Hidaka, Kenta	Saga University
Sato, Kazuya	Saga Univ

14:20-14:40, Paper WeB5.2

Robust Nonlinear Tracking Control of a 2-DOF Helicopter System.....1649

Steinbusch, Aaron	Eindhoven University of Technology
Reyhanoglu, Mahmut	University of North Carolina at Asheville

14:40-15:00, Paper WeB5.3

Robust Nonlinear Output Feedback Control of a 6-DOF Quadrotor UAV.....1655

Steinbusch, Aaron	Eindhoven University of Technology
Reyhanoglu, Mahmut	University of North Carolina at Asheville

15:00-15:20, Paper WeB5.4

Event-Triggered Attitude Regulation of Rigid Spacecraft with Uncertain Inertia Matrix..... 1661

He, Jiafan	Nanjing University of Science and Technology
Su, Youfeng	Fuzhou University
Xu, Dabo	Nanjing University of Science and Technology
Sheng, Andong	Nanjing University of Science and Technology

WeB6

Conference Room 32

Fault Detection (2)

Regular Session

Chair: Xue, Yali	Nanjing University of Aeronautics and Astronautics
Co-Chair: Zhao, Chunhui	Zhejiang University

14:00-14:20, Paper WeB6.1

Adaptive Fault-Tolerant Control of a Two-Car High-Speed Train Model with Inter-Car Flexible Link and Traction Actuator Failures..... 1666

Mao, Zehui	Nanjing University of Aeronautics and Astronautics
Tao, Gang	Univ. of Virginia
Jiang, Bin	NUAA
Yan, Xing-Gang	University of Kent
Xue, Yali	Nanjing University of Aeronautics and Astronautics

14:20-14:40, Paper WeB6.2

Process Monitoring under Closed-Loop Control with Performance-Relevant Full Decomposition of Slow Feature Analysis..... 1672

Zheng, Jiale	Zhejiang University
Zhao, Chunhui	Zhejiang University

14:40-15:00, Paper WeB6.3

Supervisory Fault Tolerant Control for a Class of Semilinear Wave Equations..... 1678

Guan, Yacun	College of Automation Engineering, Nanjing University of Aeronautics
Yang, Hao	Nanjing University of Aeronautics and Astronautics
Jiang, Bin	NUAA
Ma, Yajie	Nanjing University of Aeronautics and Astronautics

15:00-15:20, Paper WeB6.4

Secure State Estimation under Measurement Attacks Using Virtual State in Distributed Observer System..... 1683

Sato, Shotaro	Keio University
Namerikawa, Toru	Keio University