

Technical Program

Saturday, May 17, 2025

SaA01 13:30–15:30 三楼北京厅		
Special Session: Modeling and Intelligent Control of Complex Systems (1)		
Organizer: Xing, Shuangyun	Shenyang Jianzhu Univ.	
Organizer: Zhao, Xueyan	South China Univ. of Tech.	
Organizer: Deng, Feiqi	South China Univ. of Tech.	
Chair: Deng, Feiqi	South China Univ. of Tech.	
Co-Chair: Xing, Shuangyun	Shenyang Jianzhu Univ.	
Co-Chair: Zhao, Xueyan	South China Univ. of Tech.	
► SaA01-1	13:30–13:50	
<i>Wind Turbine Blades Defect Detection Based on Attention and Dynamic Upsampling</i>		
Dai, Weikun	Guangdong Polytechnic Normal Univ.	
Dong, Xiangjun	Guangdong Polytechnic Normal Univ.	
Xiong, Jianbin	Guangdong Univ. of Tech.	
Ying, Ze Kai	Guangdong Polytechnic Normal Univ.	
Shi, Jinjia	Guangdong Polytechnic Normal Univ.	
► SaA01-2	13:50–14:10	
<i>Blood Glucose Prediction Algorithm via TimesNet-MPINN</i>		
Zhang, Huafeng	Univ. of Sci. & Tech. Beijing	
Wang, Mian	Univ. of Sci. & Tech. Beijing	
Song, Ruizhuo	Univ. of Sci. & Tech. Beijing	
► SaA01-3	14:10–14:30	
<i>Adaptive Quantized Control for Nonlinear Stochastic Systems Based on IT2FNN</i>		
Xing, Shuangyun	Shenyang Jianzhu Univ.	
Wei, Mingchen	Shenyang Jianzhu Univ.	
► SaA01-4	14:30–14:50	
<i>Model-based and Model-free Algorithms for Stochastic H_∞ Tracking Control</i>		
Wang, Li	South China Univ. of Tech.	
Deng, Feiqi	South China Univ. of Tech.	
Zhao, Xueyan	South China Univ. of Tech.	
► SaA01-5	14:50–15:10	
<i>Asynchronous Quantization Control of Stochastic Markov Jump Systems with Round-Robin Protocol</i>		
Dong, Jingjing	South China Univ. of Tech.	
Deng, Feiqi	South China Univ. of Tech.	
Zhao, Xueyan	South China Univ. of Tech.	
► SaA01-6	15:10–15:30	
<i>Stabilization of Stochastic Complex Networks Driven by G-Brownian Motion under Exponential-type Dynamic Event-Triggered Control</i>		
Ma, Junqing	South-Central Minzu Univ.	
Hu, Junhao	South-Central Minzu Univ.	
Li, Sen	South-Central Minzu Univ.	
SaA02 13:30–15:30 三楼香港厅I		
Special Session: Intelligent Marine Vehicle Control Techniques		
Organizer: Bai, Weiwei	Dalian Maritime Univ.	
Organizer: Xue, Shan	Hainan Univ.	
Chair: Bai, Weiwei	Dalian Maritime Univ.	
Co-Chair: Xue, Shan	Hainan Univ.	
► SaA02-1	13:30–13:50	
<i>Optimal Route Selection for Berthing and Unberthing Based on AIS Data</i>		
Shi, Zhiqiang	Dalian Maritime Univ.	
Xie, Haibo	Dalian Maritime Univ.	
Qiao, Guanzhou	Dalian Maritime Univ.	
► SaA02-2	13:50–14:10	
<i>Data-Driven Trajectory Tracking Control of Underactuated Marine Surface Vessel via Adaptive Dynamic Programming</i>		
Lei, Jiahua	Dalian Maritime Univ.	
Bai, Weiwei	Dalian Maritime Univ.	
Zhang, Wenjun	Dalian Maritime Univ.	
► SaA02-3	14:10–14:30	
<i>Optimal Trajectory Tracking of Unmanned Surface Vessels with Input Constraints via Adaptive Dynamic Programming</i>		
Ding, Meihua	Hainan Univ.	
Xue, Shan	Hainan Univ.	
► SaA02-4	14:30–14:50	
<i>Multi-USV Adaptive Fixed-Time Robust Formation Tracking Control</i>		
Liu, Wenzhi	Jimei Univ.	
Li, Zifu	Jimei Univ.	
Lei, Kai	Jimei Univ.	
Zheng, Hongqing	Jimei Univ.	
► SaA02-5	14:50–15:10	
<i>Robust Predictive Asynchronous Switching Control for Multi-phase Batch Processes with Small Time Delays</i>		
Xiang, Wei	Liaoning Petrochemical Univ.	
Ren, Haonan	Liaoning Petrochemical Univ.	
Shi, Huiyuan	Liaoning Petrochemical Univ.	
Qiu, Xiaolu	Liaoning Petrochemical Univ.	
► SaA02-6	15:10–15:30	
<i>Reinforcement Learning Control with Motion Constraints for Autonomous UAV Landing on Moving USV</i>		
Huang, Ziheng	Hainan Univ.	
Xue, Shan	Hainan Univ.	
SaA03 13:30–15:30 三楼香港厅II		
Regular Session: Adaptive Dynamic Programming and Reinforcement Learning (1)		
Chair: Liang, Yuling	Shenyang Univ. of Tech.	
Co-Chair: Xu, Yancai	Chinese Acad. of Sci.	
► SaA03-1	13:30–13:50	
<i>ADP-based Control Design for Nonlinear Systems with Multi-inputs without Using Initial Admissible Control Laws</i>		
Yuan, Hao	Shenyang Univ. of Tech.	
Liang, Yuling	Shenyang Univ. of Tech.	
Li, Dan	Shenyang Univ. of Tech.	
Zhang, Xuanrui	Shenyang Univ. of Tech.	
Chen, Junyan	Hangzhou Dianzi Univ.	
► SaA03-2	13:50–14:10	
<i>Adaptive Cooperative Control for Nonlinear Multi-agent Systems Using NN-based Actor-Critic Structure</i>		
Liu, Lin	Central South Univ.	
Luo, Biao	Central South Univ.	
► SaA03-3	14:10–14:30	
<i>Dynamic Event-triggered Fault-tolerant Control for Nonlinear Systems by Using Adaptive Dynamic Programming</i>		
Liang, Yuling	Shenyang Univ. of Tech.	
Liu, Si Zhao	Shenyang Univ. of Tech.	
Shao, Zhi	Shenyang Univ. of Tech.	
Wang, Hong	Shenyang Univ. of Tech.	
► SaA03-4	14:30–14:50	
<i>ADP-based Finite-horizon Control for Discrete-time Systems with Multi-inputs and Actuator Saturations</i>		
Li, Jiaqi	Shenyang Univ. of Tech.	
Li, Yuan	Shenyang Univ. of Tech.	
Liang, Yuling	Shenyang Univ. of Tech.	
Ma, Junguan	Shenyang Univ. of Tech.	
Chen, Junyan	Hangzhou Dianzi Univ.	
► SaA03-5	14:50–15:10	
<i>Online Fine-Tuning Policy With Offline Pretraining via Adaptive Dynamic Programming</i>		
Wang, Jiangyu	Beijing Univ. of Tech.	
Wang, Ding	Beijing Univ. of Tech.	
Qiao, Junfei	Beijing Univ. of Tech.	
► SaA03-6	15:10–15:30	
<i>UAV Obstacle Avoidance Algorithm Based on DDPG-PID</i>		
Gao, Xinyue	Liaoning Petrochemical Univ.	
Bai, Zixuan	Liaoning Petrochemical Univ.	

SaA04		13:30–15:30	三楼澳门厅I
Regular Session: Robotics, Navigation and Control			
Chair: Tan, Fuxiao		Shanghai Maritime Univ.	
Co-Chair: Ren, Junkai		National Univ. of Defense Tech.	
► SaA04-1		13:30–13:50	
<i>Identical Parallel Batch Processing Machine Scheduling Problem with Time-of-Use Electricity Tariffs</i>			
Aliyu, Seid		Central South Univ.	
Zhou, Shengchao		Central South Univ.	
► SaA04-2		13:50–14:10	
<i>Enhanced YOLOv11 Architecture for Accurate Acupoint Localization</i>			
Cao, Yingying		Guangdong Univ. of Tech.	
He, Zhaoshui		Guangdong Univ. of Tech.	
Lin, Zhijie		Guangdong Univ. of Tech.	
Hao, Liang		Guangdong Univ. of Tech.	
Guo, Jing		Guangdong Univ. of Tech.	
► SaA04-3		14:10–14:30	
<i>Reconfigurable Microrobots: Recent Progress and Future Challenges</i>			
Cai, Xihang		South China Univ. of Tech.	
Salehi, Amar		South China Univ. of Tech.	
Yu, Tingting		South China Univ. of Tech.	
► SaA04-4		14:30–14:50	
<i>Underwater Visual Docking Systems for AUVs: A Comprehensive Review</i>			
Zhu, Wei		Univ. of Chinese Acad. of Sci.	
Sun, Kai		Shenyang Inst. of Automation	
Li, Yiyang		Chinese Acad. of Sci.	
► SaA04-5		14:50–15:10	
<i>Hierarchical Task Scheduling and Robotic Manipulation for Autonomous Materials Discovery</i>			
Lu, Jiang		National Univ. of Defense Tech.	
Ren, Junkai		National Univ. of Defense Tech.	
Qu, Yuke		National Univ. of Defense Tech.	
Luo, Jiawei		National Univ. of Defense Tech.	
Lu, Huimin		National Univ. of Defense Tech.	
Zheng, Zhiqiang		National Univ. of Defense Tech.	
Ye, Yicong		National Univ. of Defense Tech.	
► SaA04-6		15:10–15:30	
<i>Comprehensive Overview of Transmedia Vehicles and Review of Trans-Domain Attitude Control Technologies</i>			
Tan, Fuxiao		Shanghai Maritime Univ.	
Xu, Hengyang		Shanghai Maritime Univ.	
SaA05		13:30–15:30	三楼澳门厅II
Regular Session: Data-based Learning, Control and Optimization			
Chair: Qi, Yiwen		Fuzhou Univ.	
Co-Chair: Liu, Dong		Shenyang Aerospace Univ.	
► SaA05-1		13:30–13:50	
<i>Model Free Adaptive Fault-tolerant Control for Discrete-time Systems under DoS Attacks</i>			
Wang, Weijun		Shenyang Aerospace Univ.	
Liu, Dong		Shenyang Aerospace Univ.	
► SaA05-2		13:50–14:10	
<i>Adaptive Hysteresis Model Parameter Identification with Kalman Filtering</i>			
Ye, Haopeng		Jinan Univ.	
Zhang, Yangming		Jinan Univ.	
Guo, Siyuan		Jinan Univ.	
► SaA05-3		14:10–14:30	
<i>Design of Fuzzy Radial Basis Function Neural Networks with 1D Convolutional Neural Network for Classification of Logistics Black Plastics</i>			
Yu, Hongliang		Linyi Univ.	
Zhou, Kun		Linyi Univ.	
Guo, Ming		Linyi Univ.	
Zhao, Feng		Linyi Univ.	
Chen, Xiangyong		Linyi Univ.	
Qiu, Jianlong		Linyi Univ.	
► SaA05-4		14:30–14:50	
<i>Standard Power Function, Absolute-Value Power Function, and Zhang Power Function</i>			
Zhang, Yunong		Sun Yat-sen Univ.	
Shao, Pengyuan		Sun Yat-sen Univ.	
Chen, Jielong		Sun Yat-sen Univ.	
► SaA05-5		14:50–15:10	
<i>Variational Bayesian Methods in Smart Grid: A Comprehensive Review of Multi-Application Innovations</i>			
Chen, Yanwei		Shanghai Maritime Univ.	
Tan, Fuxiao		Shanghai Maritime Univ.	
► SaA05-6		15:10–15:30	
<i>Aeroengine RUL Prediction and Energy Management: A CPSO-ELM-Based Algorithm</i>			
Peng, Jin		AECC Sichuan Gas Turbine Establishment	
Liu, Zhitao		Fuzhou Univ.	
Li, Xin		AECC Sichuan Gas Turbine Establishment	
Li, Ran		AECC Sichuan Gas Turbine Establishment	
Jiang, Jiahui		Qingdao Univ.	
Qi, Yiwen		Fuzhou Univ.	
SaB01		16:00–18:00	三楼北京厅
Special Session: Adaptive Intelligent Control for Complex Control Systems			
Organizer: Li, Jinna		Liaoning Petrochemical Univ.	
Organizer: Wang, Ding		Beijing Univ. of Tech.	
Organizer: Shi, Huiyuan		Liaoning Petrochemical Univ.	
Chair: Li, Jinna		Liaoning Petrochemical Univ.	
Co-Chair: Wang, Ding		Beijing Univ. of Tech.	
Co-Chair: Shi, Huiyuan		Liaoning Petrochemical Univ.	
► SaB01-1		16:00–16:20	
<i>Robust Model Predictive Control with Multi-Step Compensation for Ethylene Cracking Outlet Temperature Tracking</i>			
Wang, Weizhen		Liaoning Petrochemical Univ.	
Li, Aolong		Liaoning Petrochemical Univ.	
Qiu, Xiaolu		Liaoning Petrochemical Univ.	
Shi, Huiyuan		Liaoning Petrochemical Univ.	
► SaB01-2		16:20–16:40	
<i>Robust Fuzzy Predictive Control Based on Lyapunov-Razumikhin with Nonlinear Asynchronous Switching for Multiphase Batch</i>			
Li, Aolong		Liaoning Petrochemical Univ.	
Wang, Weizhen		Liaoning Petrochemical Univ.	
Qiu, Xiaolu		Liaoning Petrochemical Univ.	
Shi, Huiyuan		Liaoning Petrochemical Univ.	
► SaB01-3		16:40–17:00	
<i>Improved YOLOv8n-Based Flame and Smoke Detection Model</i>			
Zhang, Yu		Liaoning Petrochemical Univ.	
Xiao, Xia1		Liaoning Petrochemical Univ.	
Wang, Weiling		Liaoning Petrochemical Univ.	
Wang, Yue		Liaoning Petrochemical Univ.	
► SaB01-4		17:00–17:20	
<i>Security Inspection System Based on Improved Swin-Transformer</i>			
Xiao, Xia1		Liaoning Petrochemical Univ.	
Zhang, Yu		Liaoning Petrochemical Univ.	
Wang, Weiling		Liaoning Petrochemical Univ.	
Wang, Yue		Liaoning Petrochemical Univ.	
► SaB01-5		17:20–17:40	
<i>Two-Dimensional Path Tracking Control of Bridge Crane Based on DDPG and Adaptive LOS</i>			
Zhao, Xiyuan		Liaoning Petrochemical Univ.	
Wang, Bingxue		Liaoning Petrochemical Univ.	
Wang, Pengfei		Liaoning Petrochemical Univ.	
Jin, Xin		Liaoning Petrochemical Univ.	
► SaB01-6		17:40–18:00	
<i>UAV Autonomous Navigation Strategy Based on Deep Reinforcement Learning</i>			
Feng, Jiayu		Liaoning Petrochemical Univ.	
Bai, Zixuan		Liaoning Petrochemical Univ.	
SaB02		16:00–18:00	三楼香港厅I
Special Session: Intelligent Fault-tolerant Control and Optimization for Complex Systems			
Organizer: Teng, Fei		Dalian Maritime Univ.	
Organizer: Sun, Jian		Northeastern Univ.	
Organizer: Li, Tieshan		Univ. of Electronic Sci. & Tech. of China	
Chair: Teng, Fei		Dalian Maritime Univ.	
Co-Chair: Sun, Jian		Northeastern Univ.	
Co-Chair: Li, Tieshan		Univ. of Electronic Sci. & Tech. of China	
► SaB02-1		16:00–16:20	
<i>Evaluation of the Chinese Syntactic Ability for Modern BERT</i>			
Yu, Han		China Univ. of Petroleum (Beijing)	

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Pan, Yu	Zhejiang Univ.		
Yang, Qinmin	Zhejiang Univ.		
► SaB05-3	16:40–17:00		
<i>Distributed Reinforcement Learning for Intelligent Decision-Making</i>			
Bi, Kewei	Shanghai Maritime Univ.		
► SaB05-4	17:00–17:20		
<i>Multi-Energy Load Forecasting via Two-Stage Decomposition and Informer-LSTM Hybrid Model</i>			
Wu, Zhengtao	Univ. of Sci. & Tech. Beijing		
Song, Ruizhuo	Univ. of Sci. & Tech. Beijing		
Zhao, Yufan	Univ. of Sci. & Tech. Beijing		
Li, Chengfeng	Univ. of Sci. & Tech. Beijing		
Guo, Shijie	Univ. of Sci. & Tech. Beijing		
► SaB05-5	17:20–17:40		
<i>U²-KAN: Precise Medical Image Segmentation Model Combining Nested U-Structure and KAN</i>			
Qin, Qi	Univ. of Sci. & Tech. Liaoning		
Li, Zhi Gang	Univ. of Sci. & Tech. Liaoning		
Gao, Chuang	Univ. of Sci. & Tech. Liaoning		
Jiang, Mengyi	Univ. of Sci. & Tech. Liaoning		
► SaB05-6	17:40–18:00		
<i>RACUnet: A Registration Algorithm for Multi-Branch Abdominal Aortic Vessels Based on CTA and DSA Imaging</i>			
Zhang, Bo	Univ. of Sci. & Tech. Beijing		
Liu, Shiqi	Chinese Acad. of Sci.		
Xie, Xiaoliang	Chinese Acad. of Sci.		
Zhou, Xiaohu	Chinese Acad. of Sci.		
Hou, Zengguang	Chinese Acad. of Sci.		
Song, Meng	Chinese Acad. of Sci.		
Ma, Xiyao	Chinese Acad. of Sci.		
Li, Shuo	Chinese Acad. of Sci.		
SaB06	16:00–18:00	三楼贵宾室	
Regular Session: Machine Learning-based Optimization, Control and Decision-making			
Chair: Wang, Ziyang	Xilingol Vocational College		
Co-Chair: Wang, Ke	Tianjin Univ.		
► SaB06-1	16:00–16:20		
<i>Employing Machine Learning to Forecast the Factors Affecting the Mental Health of Young Outstanding Innovative Talents</i>			
Lv, Meixuan	Inst. of Psychology, Chinese Acad. of Sci.		
Chen, Yaru	Inst. of Psychology, Chinese Acad. of Sci.		
Gao, Cong	Inst. of Psychology, Chinese Acad. of Sci.		
Zheng, Xigeng	Inst. of Psychology, Chinese Acad. of Sci.		
Liu, Zhengkui	Inst. of Psychology, Chinese Acad. of Sci.		
► SaB06-2	16:20–16:40		
<i>Error-Based Model-Free Active Disturbance Rejection Control for Non-affine Discrete-Time Nonlinear Systems</i>			
Cheng, Yun	Beijing Inst. of Tech.		
Hu, Shuangyi	Zhejiang Univ. of Tech.		
Chen, Qiang	Zhejiang Univ. of Tech.		
► SaB06-3	16:40–17:00		
<i>Development and Validation of Machine Learning Based Model for Mortality Prediction in Patients with Burn Injuries: A Large-scale Multi-center Study</i>			
Liu, Yanjun	Tsinghua Univ.		
Wang, Yangping	State Key Laboratory of Trauma, Burns & Combined Injury		
Lv, Xuefeng	Logistics Support Department Information Center		
► SaB06-4	17:00–17:20		
<i>Game-Theoretic Optimization of Active Orbital Defense via Multi-agent Reinforcement Learning</i>			
Wang, Ke	Tianjin Univ.		
Liu, Shuo	Tianjin Univ.		
Mu, Chaoxu	Tianjin Univ.		
Lu, Ming	Beijing Inst. of Control Engineering		
► SaB06-5	17:20–17:40		
<i>A Correlation-Based Fusion Algorithm for Collaborative Decision-Making Problems</i>			
Wang, Ziyang	Xilingol Vocational College		
Yan, Tianyu	Xilingol Vocational College		
Yan, Huiying	Mengdong New Energy Company		
Wuniri, Qiqige	Xilingol Vocational College		
► SaB06-6	17:40–18:00		
<i>Process Simulation and Effectiveness Evaluation for Launch and Recovery Operations of Carrier-Based Aircraft</i>			
Chen, Cheng	Marine Design & Research Inst. of China		
Poster Session SaPoster May 17, 13:30-18:00 三楼广深厅大堂			
Chair: Guo, Dongsheng	Hainan Univ.		
Co-Chair: Zhang, Xiumei	Changchun Univ. of Tech.		
► SaPoster-01			
<i>Finite-Time Boundedness for Discrete Time-Varying Stochastic Linear Markov Jump Systems</i>			
Liu, Yezheng	Shandong Univ. of Sci. & Tech.		
Li, Yan	Shandong Univ. of Sci. & Tech.		
Liu, Xikui	Shandong Univ. of Sci. & Tech.		
► SaPoster-02			
<i>Iterative Learning Control for Continuous-Time Distributed Parameter Systems with Varying Trial Lengths</i>			
Yao, Chuang	Guangxi Univ. of Sci. & Tech.		
Dai, Xisheng	Guangxi Univ. of Sci. & Tech.		
Wang, Zhengcui	Guangxi Sci. & Tech. Normal Univ.		
Tian, Senping	South China Univ. of Tech.		
► SaPoster-03			
<i>Sample-Efficient Reinforcement Learning via Adversarial Self-Loop Dynamics Modeling</i>			
Liang, Yuchen	Xi'an Jiaotong Univ.		
Zhang, Fukai	Shandong Univ.		
Wang, Cong	Shandong Univ.		
Liu, Yuehu	Xi'an Jiaotong Univ.		
► SaPoster-04			
<i>Reward-Guided Subspace Fusion and Spotlight for Multi-Agent State Space Exploration</i>			
Luo, Jiali	Xi'an Jiaotong Univ.		
Liang, Yuchen	Xi'an Jiaotong Univ.		
Liu, Yuehu	Xi'an Jiaotong Univ.		
Zhang, Chi	Xi'an Jiaotong Univ.		
► SaPoster-05			
<i>A Mobile Manipulator Garbage Grasping Method Based on the Integration of Diffusion Model and Control Network</i>			
Fan, Weiqi	Hainan Univ.		
Zhang, Xiyuan	Hainan Univ.		
Zhang, Zhonghao	Hainan Univ.		
Shen, Yanglin	Hainan Univ.		
Chen, Yujing	Hainan Univ.		
Guo, Dongsheng	Hainan Univ.		
► SaPoster-06			
<i>Verifying An Efficient Structure Slimming Method for Spiking Neural Networks</i>			
Xu, Hengyuan	Sichuan Univ.		
Wang, Junqiao	Sichuan Univ.		
Wu, Kunyu	Sichuan Univ.		
Qu, Zhengyi	Univ. of California, Riverside		
Ouyang, Yuqi	Sichuan Univ.		
Qian, Guangwu	Sichuan Univ.		
► SaPoster-07			
<i>HSS-UNet: A Hybrid State Space Reconstruction Network for Anomaly Detection of Catenary Fasteners</i>			
Hong, Weijia	Southwest Jiaotong Univ.		
► SaPoster-08			
<i>Heterogeneous Network Rumor Propagation Considering Forgetting and Hot Topic Effects</i>			
Hu, Wenyan	Beihang Univ.		
Ai, Jingxuan	Harbin Inst. of Tech.		
► SaPoster-09			
<i>A Pose Estimation Approach for Uncooperative Spacecraft Utilizing Convolutional Neural Network and Temporal Information</i>			
Zhang, He	Harbin Inst. of Tech.		
Zheng, Yin	Harbin Inst. of Tech.		
Wang, Yan	Harbin Inst. of Tech.		
► SaPoster-10			
<i>Probability-Aware Multi-Scale Consistency Network for Robust Point Cloud Registration</i>			
Huan, Wang	Shandong Univ.		

Liu, Guoliang	Shandong Univ.	Shang, Jianhang	Shandong Univ.
Qing, Ma	Shandong Univ.	Liu, Guoliang	Shandong Univ.
Huang, Zhun	China Flight Test Establishment	Yang, Chaodong	China Flight Test Establishment
Yang, Chaodong	China Flight Test Establishment	Song, Xilin	China Flight Test Establishment
Wang, Huanlin	China Flight Test Establishment	Zhang, Xiaogang	China Flight Test Establishment
▷ SaPoster-11		▷ SaPoster-18	
<i>Cross-Batch Graph Attention-Based Soft Sensor Modeling for Industrial Processes</i>		<i>Feature Extraction of Sublingual Veins for Auxiliary Diagnosis of Type 2 Diabetes Mellitus</i>	
Yang, Fan	Changchun Univ. of Tech.	Leng, Kun	Zhengzhou Univ.
Zhang, Xiumei	Changchun Univ. of Tech.	Zhao, Yuping	China Acad. of Chinese Medical Sci.
Yang, Junyao	Changchun Univ. of Tech.	Wang, Shaoli	Guang'anmen Hospital
Li, Hui	Changchun Univ. of Tech.	Ren, Haichuan	Zhengzhou Univ.
▷ SaPoster-12		Liu, Xudong	Zhengzhou Univ.
<i>Exploring Probabilistic Ensembling Fusion for UAV-based RGBT Visual Object Tracking</i>		Peng, Linjing	China Acad. of Chinese Medical Sci.
Zhang, Da	National Univ. of Defense Tech.	Luo, Nan	Guang'anmen Hospital
Kuai, Yangliu	National Univ. of Defense Tech.	Liu, Yige	Zhengzhou Univ.
Xie, Hai-Bin	National Univ. of Defense Tech.	▷ SaPoster-19	
▷ SaPoster-13		<i>Path Planning of Manipulator Arm Based on Digital Twin VR</i>	
<i>A Multi-Scale Feature Extraction and Attention Mechanism-Based Image Stitching Method</i>		Zhu, Ziqing	Southwest Jiaotong Univ.
Luo, Junxuan	Central South Univ.	Liang, Kening	Southwestern Univ. of Transportation & Communication
Cheng, Xin-Ming	Central South Univ.	Liu, Xiao	Southwest Jiaotong Univ.
Zhang, Wei	Central South Univ.	Chen, Chu Han	Southwest Jiaotong Univ.
He, Jian Biao	Central South Univ.	Jia, Yuchuan	Southwest Jiaotong Univ.
▷ SaPoster-14		▷ SaPoster-20	
<i>PD-YOLO: A Multi-scale Pavement Damage Detection Algorithm Based on Wavelet Transform and Global Attention</i>		<i>Gas Leakage Source Localization Method on Assisted Population-Decision Disturbance Grey Wolf Optimizer</i>	
Shi, Changteng	Shandong Univ.	Yao, Haiyan	Hangzhou Electric Power Equipment Manufacturing Co., Ltd
Liu, Guoliang	Shandong Univ.	Guo, Qiang	Hangzhou Electric Power Equipment Manufacturing Co., Ltd
Lu, Zhicong	Shandong Univ.	Lu, Bin	Hangzhou Electric Power Equipment Manufacturing Co., Ltd
Tian, Guohui	Shandong Univ.	Zhang, Xufeng	Hangzhou Electric Power Equipment Manufacturing Co., Ltd
▷ SaPoster-15		Miao, Yufeng	Hangzhou Electric Power Equipment Manufacturing Co., Ltd
<i>Pipeline Inner Wall Defect Detection Based on ALW-YOLO</i>		Jin, Lingzhu	Hangzhou Electric Power Equipment Manufacturing Co., Ltd
Li, Yixuan	Beijing Forestry Univ.	Lou, Yujing	Hangzhou Electric Power Equipment Manufacturing Co., Ltd
Chen, Fangzhou	Beijing Forestry Univ.	Yuan, Jiahao	Hangzhou Univ.
Xiong, Chenxiang	Beijing Forestry Univ.	▷ SaPoster-21	
Xu, Rui	Beijing Forestry Univ.	<i>A Mode-Adaptive LSTM Approach for UAV Trajectory Prediction via Flight Mode Recognition</i>	
Liang, Enyu	Beijing Forestry Univ.	Lan, Xuejing	Guangzhou Univ.
Fan, Lifu	Beijing Forestry Univ.	Chen, Zhanyu	Guangzhou Univ.
Li, Chengxuan	Beijing Forestry Univ.	Liu, Hanjie	Guangzhou Univ.
Chen, Shichao	Chinese Acad. of Sci.	Zhang, Jun	Guangzhou Univ.
Yan, Lei	Beijing Forestry Univ.	Zhao, Zhijia	Guangzhou Univ.
▷ SaPoster-16			
<i>Transmission Tower Detection Based on STPP-YOLO Network</i>			
Zeng, Zhi	Guangdong Power Grid Co., Ltd.		
▷ SaPoster-17			
<i>Point Cloud Registration Optimization Algorithm Based on Two-Level RANSAC and Improved GICP</i>			
Xu, Sufan	Shandong Univ.		

Sunday, May 18, 2025

SuA01 13:30–15:30 三楼北京厅

Special Session: Modeling and Intelligent Control of Complex Systems (2)

Organizer: Xing, Shuangyun Shenyang Jianzhu Univ.
 Organizer: Zhao, Xueyan South China Univ. of Tech.
 Organizer: Deng, Feiqi South China Univ. of Tech.
 Chair: Xing, Shuangyun Shenyang Jianzhu Univ.
 Co-Chair: Zhao, Xueyan South China Univ. of Tech.
 Co-Chair: Deng, Feiqi South China Univ. of Tech.

► SuA01-6 15:10–15:30

Signal Compensation-Based Predictive Functional Control for In-wheel Motor of Electric Vehicle

Ren, Haonan Liaoning Petrochemical Univ.
 Xiang, Wei Liaoning Petrochemical Univ.
 Shi, Huiyuan Liaoning Petrochemical Univ.
 Qiu, Xiaolu Liaoning Petrochemical Univ.

► SuA01-2 13:50–14:10

A Robust Signal Compensated Prediction Approach for the Diesel Hy-drogenation Process via Virtual Unmodeled Dynamics

Ding, Qiming Liaoning Petrochemical Univ.
 Peng, Bo Univ. of Sci. & Tech. Liaoning
 Shi, Huiyuan Liaoning Petrochemical Univ.
 Qiu, Xiaolu Liaoning Petrochemical Univ.

► SuA01-3 14:10–14:30

Prediction Compensation Enhanced Robust Model Predictive Control for Injection Process

Peng, Bo Univ. of Sci. & Tech. Liaoning
 Ding, Qiming Liaoning Petrochemical Univ.
 Shi, Huiyuan Liaoning Petrochemical Univ.
 Li, Ping Liaoning Petrochemical Univ.

► SuA01-4 14:30–14:50

Two-dimensional Off-policy Self-learning Control for Batch Processes with Unmodeled Dynamics

Li, Yan Liaoning Petrochemical Univ.
 Gao, Jianming Liaoning Petrochemical Univ.
 Qiu, Xiaolu Liaoning Petrochemical Univ.
 Su, Chengli Liaoning Petrochemical Univ.
 Shi, Huiyuan Liaoning Petrochemical Univ.

► SuA01-5 14:50–15:10

2D Iterative Learning Predictive Control with Disturbance Input for Asyn-chronous Multi-phase Batch Processes

Gao, Jianming Liaoning Petrochemical Univ.
 Li, Yan Liaoning Petrochemical Univ.
 Qiu, Xiaolu Liaoning Petrochemical Univ.
 Shi, Huiyuan Liaoning Petrochemical Univ.

► SuA01-6 15:10–15:30

Signal Compensation-Based Predictive Functional Control for In-wheel Motor of Electric Vehicle

Ren, Haonan Liaoning Petrochemical Univ.
 Xiang, Wei Liaoning Petrochemical Univ.
 Shi, Huiyuan Liaoning Petrochemical Univ.
 Qiu, Xiaolu Liaoning Petrochemical Univ.

SuA02 13:30–15:30 三楼香港厅I

Special Session: Neural Networks-Based Adaptive Learning Control for Nonlinear Systems

Organizer: Liu, Chong Xi'an Univ. of Architecture & Tech.
 Organizer: Su, Hanguang Northeastern Univ.
 Organizer: Luo, Yanhong Northeastern Univ.
 Chair: Liu, Chong Xi'an Univ. of Architecture & Tech.
 Co-Chair: Su, Hanguang Northeastern Univ.
 Co-Chair: Luo, Yanhong Northeastern Univ.

► SuA02-1 13:30–13:50

Distributionally Robust Optimal Power Flow Considering Renewable En-ergy and Load Uncertainties

Zhai, Baitong Northeastern Univ.
 Luo, Yanhong Northeastern Univ.
 Yang, Dongsheng Northeastern Univ.
 Suslov, Konstantin Irkutsk National Research Technical Univ. and
 National Research Univ. Moscow Power
 Engineering Inst.

► SuA02-2 13:50–14:10

Dynamic Event-triggered Robust Optimal Control for Nonlinear Switched Systems with Perturbations

Yang, Bingjie Xi'an Univ. of Architecture & Tech.
 Liu, Chong Xi'an Univ. of Architecture & Tech.
 Wang, Leiming Xi'an Univ. of Architecture & Tech.
 Liu, Fengyuan Xi'an Univ. of Architecture & Tech.

► SuA02-3 14:10–14:30

A Controller Design of Variable Wingspan Aircraft Based on Adaptive Dynamic Programming

Tian, Yujie Beihang Univ.
 Zhang, Kun Beihang Univ.
 Meng, Xiang Rui Univ. of Sci. & Tech. Beijing

► SuA02-4 14:30–14:50

A Collaborative Task Allocation and Path Planning Method for Multi-Unmanned Vehicles Based on Dynamic Energy Consumption Optimiza-tion

Li, Zufeng Chongqing Tech. & Business Univ.
 Fan, Jiarui Chongqing Tech. & Business Univ.
 Liu, Pengda Chongqing Tech. & Business Univ.
 Zhang, Huiyan Chongqing Tech. & Business Univ.

► SuA02-5 14:50–15:10

Dynamic Event-triggered Adaptive Optimal Control for Nonlinear Sys-tems by Using Experience Replay

Kang, Jintao Xi'an Univ. of Architecture & Tech.
 Liu, Chong Xi'an Univ. of Architecture & Tech.
 Wang, Leiming Xi'an Univ. of Architecture & Tech.
 Liu, Fengyuan Xi'an Univ. of Architecture & Tech.

► SuA02-6 15:10–15:30

Event-Driven Adaptive Optimal Control of a Class of Unknown Nonlinear Systems via Generalized Fuzzy Hyperbolic Models

Li, Tao Northeastern Univ.
 Zhu, Jiansong Northeastern Univ.
 Su, Hanguang Northeastern Univ.
 Bai, Yuanyuan Northeastern Univ.

SuA03 13:30–15:30 三楼香港厅II

Regular Session: Adaptive Dynamic Programming and Reinforcement Learning (3)

Chair: Zhang, Yongwei South China Agricultural Univ.
 Co-Chair: Zhang, Yi Shenyang Univ. of Tech.

► SuA03-1 13:30–13:50

Event-Driven Optimal Formation Control of Nonlinear Multi-Agent Sys-tems Through Reinforcement Learning

Zhong, Qing South China Agricultural Univ.
 Shao, Xinyuan South China Agricultural Univ.
 Luo, Zhicong South China Agricultural Univ.
 Zhang, Shunchao Guangdong Univ. of Finance
 Zhang, Yongwei South China Agricultural Univ.

► SuA03-2 13:50–14:10

A Reinforcement Learning Framework for Portfolio Optimization via Se-quence Prediction

Zhang, Xiaoyan Sun Yat-sen Univ.
 Ren, Shufei Sun Yat-sen Univ.
 Shi, Runhao Sun Yat-sen Univ.
 Zhang, Yunong Sun Yat-sen Univ.

► SuA03-3 14:10–14:30

Dynamic Event-triggered-based Near Optimal Control for Solving Mixed Zero-sum Games via Adaptive Dynamic Programming

Xie, Mengjia Shenyang Univ. of Tech.
 Liang, Yuling Shenyang Univ. of Tech.
 Ming, Zhongyang Northeastern Univ.
 Han, Yang Shenyang Univ. of Tech.

► SuA03-4 14:30–14:50

Synchronization in Multiagent Systems via Transfer Reinforcemen-t Learning

Zhang, Yisheng Liaoning Petrochemical Univ.
 Bai, Zixuan Liaoning Petrochemical Univ.

► SuA03-5 14:50–15:10

Sliding Mode-based Regulation Control for Nonlinear System with Dis-turbances via Reinforcement Learning

Qin, Feng	Shenyang Univ. of Tech.	Li, Jiefei	Ocean Univ. of China
Zhang, Yi	Shenyang Univ. of Tech.	Zhu, Xiu	Ocean Univ. of China
Liang, Yuling	Shenyang Univ. of Tech.	Wen, Qi	Ocean Univ. of China
Li, Dong	Shenyang Univ. of Tech.	Li, Junyang	Ocean Univ. of China
Chen, Junyan	Hangzhou Dianzi Univ.		
► SuA03-6	15:10–15:30	► SuA05-3	14:10–14:30
<i>Distributed Neural Network Fixed-Time Consensus Control for Multiple Manipulators System with Input Deadzone</i>		<i>A Distributed Prescribed-Time Economic Dispatch Method for Port Integrated Energy System with Renewable Energy</i>	
Zhan, Haoran	Univ. of Electronic Sci. & Tech. of China	Li, Mengyu	Dalian Maritime Univ.
Cao, Yuanchao	Univ. of Electronic Sci. & Tech. of China	Teng, Fei	Dalian Maritime Univ.
Chen, Xin	Univ. of Electronic Sci. & Tech. of China	► SuA05-4	14:30–14:50
Chao, Tao	Harbin Inst. of Tech.	<i>Optimization Design of Dovetail Joint Structure Considering Assembly Gaps</i>	
Zhang, Jiyu	Hangzhou RoboCT Tech. Development Co., Ltd.	Chen, Jiali	Chinese Acad. of Sci.
Qing, Guo	Univ. of Electronic Sci. & Tech. of China	Yang, Zhongyu	Chinese Acad. of Sci.
SuA04	13:30–15:30	Shi, Yihang	Chinese Acad. of Sci.
Regular Session: Neural Network-based Control	三楼澳门厅I	Feng, Yinli	Chinese Acad. of Sci.
Chair: Tan, Xiangmin	Chinese Acad. of Sci.	► SuA05-5	14:50–15:10
Co-Chair: Jiang, Haijun	Xinjiang Univ.	<i>A Novel Point Cloud Registration Method with Error-Guided Threshold Adjustment Mechanism</i>	
► SuA04-1	13:30–13:50	Zheng, Yongshuai	Shandong Univ.
<i>Neural Network Based Fixed-Time Adaptive Consensus Tracking for A Class of Uncertain Nonlinear Multiagent Systems</i>		Liu, Guoliang	Shandong Univ.
Xiong, Guanghuan	Chinese Acad. of Sci.	Zhang, Tenglong	Shandong Univ.
Tan, Xiangmin	Chinese Acad. of Sci.	Huang, Zhun	China Flight Test Establishment
Cao, Guanzhen	Chinese Acad. of Sci.	Yang, Chaodong	China Flight Test Establishment
Hong, Xingkui	Chinese Acad. of Sci.	Yuan, Ye	China Flight Test Establishment
► SuA04-2	13:50–14:10	Tian, Guohui	Shandong Univ.
<i>A Multi-objective Feature Selection Algorithm Based on a New Feature Subsets Adjustment Strategy</i>		► SuA05-6	15:10–15:30
Guan, Shihao	Xi'an Technological Univ.	<i>Overview of Control Strategies for Permanent Magnet Synchronous Motors</i>	
Guo, Xiaofang	Xi'an Technological Univ.	He, Hui Li	Shanghai Maritime Univ.
► SuA04-3	14:10–14:30	SuA06	13:30–15:30
<i>Pole-Assignment Aided ZN (Zhang Neurodynamics) Controllers for Time-Varying Linear Systems (TVLS) as an Attempt</i>		Regular Session: Complex Networks and Social Systems	三楼贵宾室
Huang, Junyang	Sun Yat-sen Univ.	Chair: Zhang, Yunong	Sun Yat-sen Univ.
Zhang, Yunong	Sun Yat-sen Univ.	Co-Chair: Jiang, Jin	Beijing Normal Univ.
Liu, Jason J. R.	Univ. of Macau	► SuA06-1	13:30–13:50
► SuA04-4	14:30–14:50	<i>Influence Mechanism of the Elderly Labor Willingness under the Background of Delayed Retirement Policy</i>	
<i>Deep Neural Networks Based Aperiodic Intermittent Control for Practical Fixed-Time Stability of Unknown Nonlinear Systems</i>		Zhao, Tianqi	Shanghai Univ. of Engineering & Tech.
Zhang, Juntao	Xinjiang Univ.	► SuA06-2	13:50–14:10
Wang, Qiyu	Xinjiang Univ.	<i>The Impact of Intergenerational Support on the Quality of Life of Elderly</i>	
Liu, Shuxin	Xinjiang Agricultural Univ.	Pan, Xiaoyan	Shanghai Univ. of Engineering Sci.
Jiang, Haijun	Xinjiang Univ.	► SuA06-3	14:10–14:30
Abdurahman, Abdujelil	Xinjiang Univ.	<i>Future Predictions of 6 TRs, 4 WSCSs, and 4 WRCTs via Comte and Zhang et al.'s Thoughts</i>	
► SuA04-5	14:50–15:10	Zhang, Yunong	Sun Yat-sen Univ.
<i>Operator Learning for Robust Stabilization of Linear Markov-Jumping Hyperbolic PDEs</i>		Zhang, Yiyang	Sun Yat-sen Univ.
Zhang, Yihuai	Hong Kong Univ. of Sci. & Tech. (Guangzhou)	Tan, Zhiguo	Guangzhou Panyu Polytechnic
Yu, Huan	Hong Kong Univ. of Sci. & Tech. (Guangzhou)	► SuA06-4	14:30–14:50
► SuA04-6	15:10–15:30	<i>Analysis of a Nation's Trade Position Based on Industrial Heterogeneity</i>	
<i>Multi-Mode MPC-Based Control of Exhaust Temperature and Load in a Gas Turbine</i>		Xia, Tinghan	Beijing Normal Univ.
Liu, Sixun	China United Gas Turbine Tech. Co., Ltd.	Jiang, Jin	Beijing Normal Univ.
Zhang, Xuan	China United Gas Turbine Tech. Co., Ltd.	Hai, Yingqi	Beijing Normal Univ.
Xie, Jinyu	China United Gas Turbine Tech. Co., Ltd.	Hu, Wenbin	Univ. of Massachusetts Amherst
Li, Junkun	China United Gas Turbine Tech. Co., Ltd.	Han, Pengfei	Tianjin Beiyang Sci. & Tech. Research Inst.
Cai, Xidong	China United Gas Turbine Tech. Co., Ltd.	Xiao, Mingzhong	Beijing Normal Univ.
Wang, Jinjian	China United Gas Turbine Tech. Co., Ltd.	► SuA06-5	14:50–15:10
SuA05	13:30–15:30	<i>Resilience Measurement for Global Industrial System Based on Causal Emergence</i>	
Regular Session: System Analysis for Intelligent Agents	三楼澳门厅II	Zhang, Xu	Fudan Univ.
Chair: Lin, Qiao	Univ. of Nottingham Ningbo	Han, Dingding	Fudan Univ.
Co-Chair: Li, Junyang	Ocean Univ. of China	► SuA06-6	15:10–15:30
► SuA05-1	13:30–13:50	<i>Cascading Failure in Fractal Scale-free Networks</i>	
<i>Swarm Intelligence-Based Auxiliary Diagnosis System</i>		Guo, Feiyan	Beijing Normal Univ.
Wan, Jiayu	Univ. of Nottingham Ningbo		
Zhou, Yixuan	Univ. of Nottingham Ningbo		
Niu, Yubao	Univ. of Nottingham Ningbo		
Wu, Chengze	Univ. of Nottingham Ningbo		
Yu, Fan	Univ. of Nottingham Ningbo		
Lin, Qiao	Univ. of Nottingham Ningbo		
► SuA05-2	13:50–14:10		
<i>Simulation Analysis of Wave-following Performance of Buoys Based on AQWA</i>			

Poster Session SuPoster

May 18, 13:30-18:00

三楼广深厅大堂

Chair: Dong, Na	Tianjin Univ.
Co-Chair: Wang, Shenquan	Changchun Univ. of Tech.
► SuPoster-01	
<i>A Behavior Recognition Algorithm Based on Feature Enhancement and Pose Information and Its Application</i>	
Li, Mingxing	Jiangsu Univ.

- ▷ SuPoster-02
Remaining Useful Life Prediction of Lithium-Ion Batteries Based on Transformer-GRU Parallel Hybrid Network Model
Wang, Yongxin Changchun Univ. of Tech.
Liu, Ruoli Changchun Univ. of Tech.
Shan, Huadi Changchun Univ. of Tech.
Wang, Shenquan Changchun Univ. of Tech.
- ▷ SuPoster-03
An Intelligent Large Knowledge Framework in Predictive Maintenance
Zhou, Zixuan Pittsburgh Institution
Sun, Hanzhi Sichuan Univ.
Qian, Guangwu Sichuan Univ.
- ▷ SuPoster-04
Finite-region Fault Detection of the Two-dimensional Fornasini-Marchesini Jump Systems via Markov Process
Cai, Xinyu Anhui Univ.
He, Shuping Anhui Univ.
Ren, Chengcheng Anhui Univ.
Xu, Qingyang Anhui Univ.
Wei, Jianfei Anhui Univ.
- ▷ SuPoster-05
 H_∞ Control of Networked Variable-Speed Electro-Hydraulic Systems with Stochastic Sensor Measurements Losses: An Improved Markovian Pattern
Zhao, Xueqian State Grid Beijing Electric Power Company Electric Power Sci. Research Inst.
- ▷ SuPoster-06
Cluster-LLM: Adaptive Real-Time Time-Series Anomaly Detection Using LLMs
Zhu, Binbin Chinese Acad. of Sci.
Xiong, Gang Chinese Acad. of Sci.
Yuan, Meng Chinese Acad. of Sci.
Shen, Zhen Chinese Acad. of Sci.
Zhu, Fenghua Chinese Acad. of Sci.
Chen, Shichao Chinese Acad. of Sci.
Dong, Xisong Chinese Acad. of Sci.
Liu, Sheng Chinese Acad. of Sci.
- ▷ SuPoster-07
Aerodynamic Performance Analysis for an Eagle-Inspired Flapping-Wing Aerial Vehicle
Wen, Quanqi Univ. of Sci. & Tech. Beijing
He, Xiuyu Univ. of Sci. & Tech. Beijing
Zhang, Haobo Univ. of Sci. & Tech. Beijing
Fu, Qiang Univ. of Sci. & Tech. Beijing
He, Wei Univ. of Sci. & Tech. Beijing
- ▷ SuPoster-08
Agent Path Planning Based on Enhanced BAS with Kinematics-constrained APF Algorithm
Ma, Junjie Hainan Univ.
Xue, Shan Hainan Univ.
- ▷ SuPoster-09
Adaptive Path Planning for AGVs with Enhanced RRT and Dynamic Window Approach*
Yang, Shifei Anhui Univ.
Xin, Jiyuan Anhui Univ.
Su, Yanxu Southeast Univ.
- ▷ SuPoster-10
Dynamic Convergence Factor Optimized Genetic Algorithm for Multi-UAV Path Planning in Powerline Inspection
Liang, Siyu Tianjin Univ.
Dong, Na Tianjin Univ.
Chen, Yuandong Tianjin Univ.
Song, Jimin Tianjin Univ.
Xu, Ruizhe Tianjin Univ.
- ▷ SuPoster-11
Molecular Spiking Neuron System Based on Spike Timing-dependent Plasticity
Xiong, Li Dalian Univ.
Lv, Hui Dalian Univ.
- ▷ SuPoster-12
Adaptive Fixed-Time Stabilization for Nonlinear Systems with Low-Order and High-Order Growth Conditions
Ye, Zhijie Nanjing Univ. of Sci. & Tech.
Chen, Weimin Nanjing Univ. of Sci. & Tech.
Wang, Xue Nanjing Univ. of Sci. & Tech.
- ▷ SuPoster-13
Collaborative Control Method of Quadrotor UAVs with Cloud-Edge Collaboration
Wang, Yuankui Hohai Univ.
Chen, Shichao Chinese Acad. of Sci.
Li, Chengxuan Beijing Forestry Univ.
- ▷ SuPoster-14
A Fractional-Order Backstepping Controller with Quadratic Lyapunov Function for Rotor Displacement Control in Active Magnetic Bearings
Long, Hanyan Northeastern Univ.
Wu, Zehan Northeastern Univ.
- ▷ SuPoster-15
Fault Propagation Control for Industrial Processes Based on Two-Layer Network and Reinforcement Learning
Zhong, Xiaojing Guangzhou Univ.
Liang, Kunkai Guangzhou Univ.
Zou, Tao Guangzhou Univ.
- ▷ SuPoster-16
Adaptive Displacement Constraint Control with Tan-Type Time-Varying Barrier Lyapunov Functions for Active Magnetic Bearings
Wu, Zehan Northeastern Univ.
Long, Hanyan Northeastern Univ.
- ▷ SuPoster-17
A Deep Multi-task Learning Method for E-learning Behavior Analysis
Chen, Junrui Chinese Acad. of Sci.
Shen, Zhen Chinese Acad. of Sci.
Zhu, Yilin University of Science Malaysia
Xiong, Gang Chinese Acad. of Sci.
Liu, Xiwei Chinese Acad. of Sci.
- ▷ SuPoster-18
A Predictive Optimization Framework for Stability-Constrained Obstacle Avoidance and Anti-Swing Motion Planning of Overhead Cranes
Yan, Shipeng Shandong Univ.
Liu, Guoliang Shandong Univ.
Guo, Qingqiang Shandong Univ.
- ▷ SuPoster-19
Iterative Learning Control Method with Safety Velocity of Mobile Robot under Uncertain Motion Environment
Dang, Boyu Northeastern Univ.
Li, Haiyan Northeastern Univ.
- ▷ SuPoster-20
Earlier Times in Front: Regardless of Comparison Sequence, Temporal Focus or Temporal Relative Span
Xu, Xinyu Chinese Acad. of Sci.
Liu, Ye Chinese Acad. of Sci.
- ▷ SuPoster-21
Multi-modal Vehicle-Infrastructure Collaborative Perception via Deformable Attention Mechanism
Zhang, Zhenyu Beihang Univ.
Shi, Junyi Beihang Univ.
Pang, Haobing Beihang Univ.
Wang, Mingqian Beihang Univ.
Zhou, Jianshan Beihang Univ.
Tian, Daxin Beihang Univ.
Zheng, Changshui Beihang Univ.
Liu, Zhiyu Beihang Univ.