POSTER SESSIONS

Day 1: Tuesday, November 22, 2022 Morning Poster Session 1: Automation, Control & Systems

1570842008 Paper 1570831596 Paper 1570841936	Chair: Nguyen Huy Phuong; Co-chair: Changbeom Shim ROBUST HUMAN POSE QUALITY ASSESSMENT USING OPTIMAL SUB-PATTERN ASSIGNMENT Yun Zhu, Shuang Liang, Peng Li and Xiaojun Wu Shaanxi Normal University, China; Xidian University, China DISTRIBUTED COORDINATION OF POWER GENERATION AND TRANSMISSION FOR AN ENERGY NETWORK Hyo-Sung Ahn, Viet Hoang Pham and Hung Manh Nguyen Gwangju Institute of Science and Technology (GIST), Korea (South) A NEW AXIAL GAP BEARINGLESS MOTOR DRIVE SYSTEM WITH NONLINEAR ROBUST CONTROL Duc Thinh Le, Manh Tung Ngo, Van Trong Dang, Nam Van Giap, Binh Minh Nguyen and Tung Lam Nguyen
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]	
	Hanoi University of Science and Technology, Vietnam; Hanoi university of industry, Vietnam
	Toyota Technological Institute, Japan
	DISTURBANCE-OBSERVER BASED REINFORCEMENT LEARNING FOR OVERHEAD
1	CRANE SYSTEMS
	Thanh Trung Cao
	O Company of the Comp
	HaNoi University of Sicence and Technoloy, Vietnam DEVELOPMENT OF THE SYSTEM OF MONITORING TRAFFIC VEHICLE VOLUME
1	
	AND DENSITY ON THE VIETNAM'S STREET
	Mien Trinh Luong
	University Transport and Communications & Faculty of Electrical and Electronic Engineering
	Vietnam
1	FOC CONTROL PROTOTYPING OF 48V IDB SYSTEM FOR HARDWARE ENGINEERS
	Minhye Yu and Sung Su Han
	Mando, Korea (South); Infineon Technologies Korea Co., Ltd
1	EXPERIENCE WITH A DIGITAL SUBSTATION PILOT PROJECT OF VIETNAM
1570841750	ELECTRICITY
,	Tien Dung Le, Hoang Ngoc Hoai Quang and Kieu Van Minh
•	The University of Danang, Vietnam; Thua Thien Hue Power Company, Vietnam; National
]	Power Transmision Service Company, Vietnam.
	A MODULATED MODEL PREDICTIVE CONTROL FOR THREE-PHASE THREE-
	LEVEL T-TYPE INVERTER
	Quoc-Binh Nguyen, Chi Dung Pham, Huu-Cong Vu, Tuyen Nguyen Dinh and Quoc-Hoan
	Tran
	Ton Duc Thang University, Vietnam; Telecommunication University, Vietnam; Hanoi
	University of Civil Engineering, Vietnam; Ho Chi Minh City University of Technology.
	Vietnam; Tran Dai Nghia University, Vietnam
	PERFORMANCE ANALYSIS AND EXPERIMENT OF DATA TRANSMISSION RATE
	OF LEDS IN OPTICAL CAMERA COMMUNICATION FOR INDOOR POSITIONING
	SYSTEM
	Nam Nguyen Hoang, Loan Pham-Nguyen, Nguyen Thi Hue, Thi Lan Huong Nguyen, Nguyer
	viam Nguyen Hoang, Loan I nam-Nguyen, Nguyen Ini Hue, Ini Lan Huong Nguyen, Nguyer Viet Son, Hong Hoang Si
	Hanoi University of Science and Technology, Vietnam; MICA, Vietnam
1	ANALYZE THE TRANSIENT OVERVOLTAGES IN THE STATION OF VIETNAMESE
	MODEL HVDC-MMC SYSTEM
	Nguyen Nhat Tung, Nguyen Xuan Phuc and Truong Hoang Nam
	Thuyloi University, Vietnam; Institute of Energy, Vietnam
1	OPTIMAL PLANNING OF A MICROGRID CONSIDERING DEMAND RESPONSE AND
	ENERGY STORAGE SYSTEM
	Nhung Nguyen Hong, Duc Huy Nguyen and Cuong Manh Dao
]	Hanoi University of Science and Technology, Vietnam

Paper 1570840356	PV ARRAY FAULT CLASSIFICATION BASED ON MACHINE LEARNING
	Minh Nguyen
	Hanoi University of Science & Technology, Vietnam A QUADRATIC CORRELATION ALGORITHM WITH VARIABLE SETS OF LAGS FOR
Paper 1570837016	FREQUENCY ESTIMATION
	Yan Xu, Huiyue Yi, Wuxiong Zhang and Hui Xu
	University of Chinese Academy of Sciences, China; Shanghai Institute of Microsystem and
	Information Technology, China; Shanghai Research Center for Wireless Communications,
	China
Paper 1570837636	MULTI-SENSOR CONTROL FOR JOINTLY SEARCHING AND TRACKING MULTI-
	TARGET USING THE POISSON MULTI-BERNOULLI MIXTURE FILTER
	Ke Chen, Lei Chai and Wei Yi
	University of Electronic Science and Technology of China, China
	Afternoon
	Poster Session 2: Tracking, Data Fusion & Machine Learning
	Chair: Vo Ba-Ngu; Co-chair: DuYong Kim
Paper	AN IMAGE CAPTION MODEL BASED ON THE SCENE GRAPH AND SEMANTIC
1570830903	PRIOR NETWORK
	Weifeng Liu, Zhang Nan and Yaning Wang
D	Shaanxi University of Science and Technology, China; Hangzhou Dianzi University, China
Paper	TWO-STAGE NETWORKS WITH ADVERSARIAL CLUTTER SUPPRESSION FOR
1570837595	MARITIME RADAR TARGET DETECTION Viru Lin Vigabana Wil and Wei Vi
	Yiru Lin, Yuanhang Wu and Wei Yi University of Electronic Science and Technology of China, China
Paper	GAME FOR UPPER LIMB REHABILITATION USING OPENCV
1570837029	Phan Kien Nguyen, Dao Duy Anh, Tran Thuy Hanh, Hoang Thi Lan Huong, Lan Luu
1370037027	Hoang, Thang Tran Xuan, Linh Tran Thi Dieu, Vu Anh Tran and Thuy Anh Nguyen
	Hanoi University of Science and Technology, Vietnam
Paper	REAL-TIME ROS IMPLEMENTATION OF CONVENTIONAL FEATURE-BASED AND
1570842059	DEEP-LEARNING-BASED MONOCULAR VISUAL ODOMETRY FOR UAV
15 (007203)	Minh Anh Nguyen, Tuan Nguyen, Quyen Pham, Thuong H Nguyen, Dinh Tuan Tran and J H
	Lee and Anh Quang Nguyen
	School of Electrical and Electronic Engineering, Hanoi University of Science and Technology,
	Vietnam; Ritsumeikan University, Japan
Paper	MACHINE FAULT DETECTION USING VIBRATION SIGNALS AND IMPROVED
1570847487	FUZZY CLUSTERING ALGORITHM
	Linh Hoai Tran and Thanh Duc Nguyen
	Hanoi University of Science and Technology, Vietnam
Paper 1570841954	COMPREHENSIVE-FACTOR AUTHENTICATION IN EDGE DEVICES IN SMART
	ENVIRONMENTS: A CASE STUDY
	Chalee Vorakulpipat, Ekkachan Rattanalerdnusorn and Sasakorn Pichetjamroen
Donor	National Electronics and Computer Technology Center, Thailand; NECTEC, Thailand MULTI-FRAME STAP STRATEGY IN RANGE-DOPPLER DOMAIN FOR AIRBORNE
Paper 1570841988	RADARS
13/0041700	Xingyue Long, Wen Qin, Wei Zhang, Chuan Zhu, Yong Zhao and Wei Yi
	University of Electronic Science and Technology of China, China
Paper	DBU-NET BASED ROBUST TARGET DETECTION FOR MULTI-FRAME TRACK-
1570841989	BEFORE-DETECT METHOD
	Chuan Zhu, Jie Deng, Xingyue Long, Wei Zhang and Wei Yi
	University of Electronic Science and Technology of China, China
Paper	A MULTI-FRAME JOINT TRACKING AND CLASSIFICATION METHOD FOR WEAK
1570842020	TARGET IN RADAR SYSTEM
	Wei Zhang, Kai Zeng, Chuan Zhu, Xingyue Long and Wei Yi
	University of Electronic Science and Technology of China, China
Paper 1570842143	PHD FILTER BASED TRAFFIC TARGET TRACKING FRAMEWORK WITH FMCW
	RADAR
	Xi Cao, Chuan Zhu and Wei Yi
	University of Electronic Science and Technology of China, China

Paper 1570831449	AN IMPROVED ROBUST ESTIMATION METHOD FOR GNSS/SINS UNDER GNSS-CHALLENGED ENVIRONMENT Junwei Wang, Xiyuan Chen, Jianguo Liu and Chunfeng Shi Southeast University & Instrument and Advanced Navigation Technology, China
Paper	A FASTER IMPLEMENTATION OF MULTI-SENSOR GENERALIZED LABELED
1570836801	MULTI-BERNOULLI FILTER
	Diluka Moratuwage, Yuthika Punchihewa and Ji Youn Lee
	Curtin University, Australia
Paper	REVISITING THE BEARINGS-ONLY FILTERING PROBLEM
1570842918	Mahendra Mallick, Xiaoqing Tian, Radhika Mandya Nagaraju and Zhansheng Duan
	Independent Consultant, USA; Xi'an Jiaotong University; PET Research Centre & Mandya,
	Karnataka, India; College of Electronics and Information Engineering, China
Paper	HANDS TRACKING OF CAR DRIVER OVER STEERING WHEEL BASED ON MULTI-
1570826524	BERNOULLI FILTER FRAMEWORK WITH HAND LANDMARKS DETECTOR AND
	SEMANTIC SEGMENTATION
	Norikazu Ikoma
	Nippon Institute of Technology, Japan

Required:

- A printed A1 paper with portrait orientation for the on-site authors.
 A pdf file with A1 size and portrait orientation (upload on EDAS) for A pdf file with A1 size and portrait orientation (upload on EDAS) for the authors with travel restrictions (China).