

IEEE Industrial Electronics Society Annual Online Conference (ONCON) 2023 Schedule

Day-1 Friday December 8, 2023 (Beijing Time)

time length	Time in Other Time Zone			Speaker Detail & Venue				
	Session A (CST)	Session B (CET)	Session C (EST)					
15 (live)	(12/8) 09:00-09:15 AM	(12/8) 02:00-02:15 AM	(12/7) 08:00-08:15 PM	Opening	Plenary Room Welcome			
45 (live)	(12/8) 09:15-10:00 AM	(12/8) 02:15-03:00 AM	(12/7) 08:15-09:00 PM	Plenary Talk 11	Plenary Room Prof. Danwei Wang (Bin Zhang Host)			
45 (live)	(12/8) 10:00-10:45 AM	(12/8) 03:00-03:45 AM	(12/7) 09:00-09:45 PM	Industry Forum 1	Plenary Room Haifeng Wang (Meng Zhang Host)			
90 (pre-record)	(12/8) 10:45-12:15 PM	(12/8) 03:45-05:15 AM	(12/7) 09:45-11:15 PM	Technical paper11	Paper Session D101	Paper Session D102	Paper Session D103	Paper Session D104
					ROOM 1	ROOM 2	ROOM 3	ROOM 4
Break								
45 (live)	(12/8) 03:00-03:45 PM	(12/8) 08:00-08:45 AM	(12/8) 02:00-02:45 AM	Plenary Talk 12	Plenary Room Prof. Juan Jose Rodriguez-Andina / (Wenbin Dai Host)			
45 (live)	(12/8) 03:45-04:30 PM	(12/8) 08:45-09:30 AM	(12/8) 02:45-03:30 AM	Tutorial Talk 1	Plenary Room Zhenbin Zhang & Oluleke Babayomi (Kunwu Zhang Host)			
90 (pre-record)	(12/8) 04:30-06:00 PM	(12/8) 09:30-11:00 PM	(12/8) 03:30-05:00 AM	Technical paper12	Paper Session D105	Paper Session D106	Paper Session D107	Paper Session D108
					ROOM 1	ROOM 2	ROOM 3	ROOM 4
Break								
120 (live)	(12/8) 09:00-11:00 PM	(12/8) 02:00-04:00 PM	(12/8) 08:00-10:00 AM	WIE Session 1	WIE ROOM Angela Nicora; Wenfang Xie; Julia Moller; Meaghan Charest-Finn (Yajun Pan, Regina Roos, Goldie)			
90 (pre-record)	(12/8) 11:00-12:30 AM	(12/8) 04:00-05:30 PM	(12/8) 10:00-11:30 AM	Technical paper13	Paper Session D109	Paper Session D110	Paper Session D111	Paper Session D112
					ROOM 1	ROOM 2	ROOM 3	ROOM 4

Day-2 Saturday December 9, 2023 (Beijing Time)

time length	Time in Other Time Zone			Speaker Detail & Venue				
	Session A (CST)	Session B (CET)	Session C (EST)					
120 (live)	(12/9) 09:00-11:00 AM	(12/9) 02:00-04:00 AM	(12/8) 08:00-10:00 PM	WIE Session2	WIE ROOM Ying Tan; Lu Liu; Hong Li; Tianzhen Wang (Ya-jun Pan, Jun Xu Host)			
90 (pre-record)	(12/9) 11:00-12:30 PM	(12/9) 04:00-05:30 AM	(12/8) 10:00-11:30 PM	Technical paper 21	Paper Session D201	Paper Session D202	Paper Session 203	Paper Session D204
					ROOM 1	ROOM 2	ROOM 3	ROOM 4
Break (Technical Committee Promotiion Please reserve a room)								
					ROOM 1	ROOM 2	ROOM 3	ROOM4
					Time	Time	Time	Time
					TC can reserve	TC can reserve	TC can reserve	TC can reserve
45 (live)	(12/9) 03:00-03:45 PM	(12/9) 08:00-08:45 AM	(12/9) 02:00-02:45 AM	Plenary Talk 21	Plenary Room Prof. Armando Walter Colombo (Henglai Wei Host)			
90 (pre-record)	(12/9) 03:45-05:15 PM	(12/9) 08:45-10:15 AM	(12/9) 02:45-04:15 AM	Technical paper 22	Paper Session D205	Paper Session D206	Paper Session D207	Paper Session D208
					ROOM 1	ROOM 2	ROOM 3	ROOM 4
Break								
					ROOM 1	ROOM 2	ROOM 3	ROOM4
					Time	Time	Time	Time
					TC can reserve	TC can reserve	TC can reserve	TC can reserve
45 (live)	(12/9) 09:00-09:45 PM	(12/9) 02:00-02:45 PM	(12/9) 08:00-08:45 AM	Plenary Talk 22	Plenary Room Prof. Youmin Zhang (Chao Shen Host)			

45 (live)	(12/9) 09:45-10:30 PM	(12/9) 02:45-03:30 PM	(12/9) 08:45-09:30 AM	Industry Forum 2	Plenary Room Ankush Chakrabarty (Yebin Wang Host)			
90 (pre-record)	(12/9) 10:30-12:00 AM	(12/9) 03:30-05:00 PM	(12/9) 09:30-11:00 AM	Technical paper 23	Paper Session D209 ROOM 1	Paper Session D210 ROOM 2	Paper Session D211 ROOM 3	Paper Session D212 ROOM 4
Day-3 Sunday December 10, 2023 (Beijing Time)								
time length	Time in Other Time Zone			Speaker Detail & Venue				
	Session A (CST)	Session B (CET)	Session C (EST)					
45 (live)	(12/10) 09:00-09:45 AM	(12/10) 02:00-02:45 AM	(12/9) 08:00-08:45 PM	Plenary Talk 31	Plenary Room Prof. Qinglong Han (Li Huiping Host)			
90 (pre-record)	(12/10) 09:45-11:15 AM	(12/10) 02:45-04:15 AM	(12/9) 08:45-10:15 PM	Technical paper 31	Paper Session D301 ROOM 1	Paper Session D302 ROOM 2	Paper Session D303 ROOM 3	Paper Session D304 ROOM 4
Break								
					ROOM 1 Time TC can reserve	ROOM 2 Time TC can reserve	ROOM 3 Time TC can reserve	ROOM4 Time TC can reserve
45 (live)	(12/10) 03:00-03:45 PM	(12/10) 08:00-08:45 AM	(12/9) 02:00-02:45 AM	Industry Forum 3	Plenary Room Magnus Lindhe (Stamatis Karnouskos host)			
45 (live)	(12/10) 03:45-04:30 PM	(12/10) 08:45-09:30 AM	(12/10) 02:45-03:30 AM	ERC talk	Plenary Room Fabio Marques dos Santos (LARISA DUNAI host)			
90 (pre-record)	(12/10) 04:30-06:00 PM	(12/10) 09:30-11:00 AM	(12/10) 03:30-05:00 AM	Technical paper 32	Paper Session D305 ROOM 1	Paper Session D306 ROOM 2	Paper Session D307 ROOM 3	Paper Session D308 ROOM 4
Break								
					ROOM 1 Time TC can reserve	ROOM 2 Time TC can reserve	ROOM 3 Time TC can reserve	ROOM4 Time TC can reserve
45 (live)	(12/10) 09:00-09:45 PM	(12/10) 02:00-02:45 PM	(12/10) 08:00-08:45 AM	Plenary Talk 32	Plenary Room Prof. Kamal Al-Haddad (Sheldon Williamson Host)			
45 (live)	(12/10) 09:45-10:30 PM	(12/10) 02:45-03:30 PM	(12/10) 08:45-09:30 AM	Tutorial Talk 2	Plenary Room Stephan Goetz and Nima Tashakor (Ning He host)			
90 (pre-record)	(12/10) 10:30-12:00 AM	(12/10) 03:30-05:00 PM	(12/10) 09:30-11:00 AM	Technical paper 33	Paper Session D309 ROOM 1	Paper Session D310 ROOM 2	Paper Session D311 ROOM 3	Paper Session D312 ROOM 4
15 (live)	(12/11) 12:00-12:15 AM	(12/10) 05:00-05:15 PM	(12/10) 11:00-11:15 AM	Closing	Plenary Room Thanks and meet next year			

A: Asian		E: Europe		NA: North America					
CST: China standard time		CET: Center Europe Time		EST: Eastern standard time					
Day-1 Friday December 8, 2023 (Beijing Time)									
Time	12/8/2023 (Beijing)	Paper ID	Paper Title	Track	Author's Affiliation	Country	Presenter		Chairs
CST	10:45 AM-12:15 PM	ONCON23-00014	Parameter Degradation Features Selection Based on Multiple Evaluation Index in a DC-DC Predicting Remaining Discharge Time for Lithium-ion Batteries based on Differential Model Decomposition	TT01: Intelligent Fault Diagnosis and Management	Northwestern Polytechnical University	China	Ting Wang	wangt@mail.nwpu.edu.cn	Dongzhen Lv lvdongzhen@yeah.net
CET	03:45 AM-05:15 AM	ONCON23-00017	A novel unsupervised deep transfer learning method based on contrast pre-training for fault diagnosis	TT01: Intelligent Fault Diagnosis and Management	Wenzhou University	China	Jinrui Zhang	21451439046@stu.wzu.edu.cn	Ting Wang wangt@mail.nwpu.edu.cn
EST	09:45 PM-11:15 PM	ONCON23-00027	Fuzzy Asynchronous Fault Detection for Markov Jump Systems With Packet Loss Compensation and Partially Unknown Transition Probabilities	TT01: Intelligent Fault Diagnosis and Management	Dongguan University of Technology	China	Jungang Cao	1367691567@qq.com	
		ONCON23-00037	Probability-Based Stealthy Attacks for Cyber-Physical Systems with Resource Constraint	TT01: Intelligent Fault Diagnosis and Management	Ningxia Institute of Science and Technology	China	Feng Li-Xiang	261337439@qq.com	
		ONCON23-00057	Detection and Analysis Against Linear Decryption Attacks via Watermarking Strategy	TT01: Intelligent Fault Diagnosis and Management	Northeastern University	China	Xiaoke Liu	2329783466@qq.com	
		ONCON23-00059	Optimal Location Selection for EV Charging Station using OBEFCFD Method in Mesh	TT01: Intelligent Fault Diagnosis and Management	Northeastern University	China	Lianchi Yu	yu.lianchi123@163.com	
Time	12/8/2023 (Beijing)	Paper Session D102		Author's Affiliation	Country	Presenter		Chairs	
CST	10:45 AM-12:15 PM	ONCON23-000180	Short-Term Load Forecasting for Typical Buildings Based on VMD-Informer-DMD Model	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Northeastern University(China)	China	Hang Liu	2200864@stu.neu.edu.cn	Zhijian Hu zhijian.hu@ntu.edu.sg
CET	03:45 AM-05:15 AM	ONCON23-000055	Design and development of a high-performance current transformer for switchgear applications	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Schneider Electric India Private Limited	India	Vedant Bhayani	vedant.bhayani@intehg.com	
EST	09:45 PM-11:15 PM	ONCON23-000137	A local data-based method to reduce the zone2 operation time of distance relay	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Darbhanga College of Engineering	India	Prince Kumar	princekumar3747@gmail.com	
		ONCON23-000160	Multi-index Evaluation of Distributed EMS with Coordinated Control for Electric and Thermal	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Waseda University	Japan	Masao SHINJI	masao.s646snj@akane.waseda.jp	
		ONCON23-000031	Seamless transition of inverters from islanding to grid-connected mode connected to weak grid	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Raja Balwant Singh Engineering Technical Campus	India	Tanish Gupta	tgdkgmg@gmail.com	
Time	12/8/2023 (Beijing)	Paper Session D103		Author's Affiliation	Country	Presenter		Chairs	
CST	10:45 AM-12:15 PM	ONCON23-000206	Grid Resilience Enhancement through IPTL NPC Inverter-Based Shunt Active Power Filters with Dual Fundamental Component Extraction	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	GBPAUA&T. College of technology, Pantnagar	India	HARENDRA PAL SINGH	harendrapal.singh07@gmail.com	Amit Sant Amit.Sant@sot.pdpu.ac.in
CET	03:45 AM-05:15 AM	ONCON23-000246	Cascaded Low-Pass and Band-Pass Filtering with Frequency Adaptation for Multifunctional Control of Grid-Tied Inverter	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	IIT Dhanbad	India	Alok Ranjan	alok9918@gmail.com	
EST	09:45 PM-11:15 PM	ONCON23-000250	Optimal BESS placement and sizing for frequency control in islanded microgrids using Non-linear Shepherd battery model	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Pandit Deendayal Energy University	India	Amit Sant	amit_sant@sot.pdpu.ac.in	
		ONCON23-000178	A Novel EFC Controller for Squirrel Cage Induction Motor Based on Rotor Flux	TT03: Electrical Machines and Drives	University of Moratuwa	Sri Lanka	Lindamulage Raveen Sanjaya De Silva	raveensdesilva@gmail.com	
		ONCON23-000197	Design of Common-Mode Transformer for Damping of High-Frequency Leakage Current in PAM Inverter-Fed Three Phase Brushless DC Motor Drive System	TT03: Electrical Machines and Drives	IIT Delhi	India	Himanshu Swami	himanshu.swami@ee.iitd.ac.in	
					Indian Institute of Technology Ropar	India	Samarjeet Singh	samarbit1992@gmail.com	
Time	12/8/2023 (Beijing)	Paper Session D104		Author's Affiliation	Country	Presenter		Chairs	
CST	10:45 AM-12:15 PM	ONCON23-000062	A Non-Singular Terminal Sliding Mode Control of Buck-Boost Converters Based on Extended State Observer	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Hubei University of Technology	China	Peng Gao	1838279049@qq.com	Neha Tak nehatak1990@gmail.com
CET	03:45 AM-05:15 AM	ONCON23-000111	Experimental Validation on a Grid-Tied Inverter with Delay Repetitive Control	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Zhongyuan University of Technology	China	Guohui Zhou	zhouguohui@zut.edu.cn	
EST	09:45 PM-11:15 PM	ONCON23-000273	A non-singular terminal sliding mode control of the DC microgrid with constant power loads	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Hubei University of Technology	China	Aoli Wang	1776327142@qq.com	
		ONCON23-000222	An MPC-Based Oscillation Suppression Strategy for IBRs connected to weak grids through LCL filters	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Curtin University	Australia	Ehsan PASHAJAVID	ehsan.pashajavid@curtin.edu.au	
		ONCON23-000108	SLT-Net: enhanced Mask RCNN network for ship long-tailed detection	SS06: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Dalian Maritime University	China	Li-Ying Hao	haoliying_0305@163.com	
		ONCON23-000107	Dual-Loop Adaptive Integral Terminal Sliding Mode Fault-tolerant Control for Unmanned Marine Vehicles	SS06: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Dalian Maritime University	China	Li-Ying Hao	haoliying_0305@163.com	
Time	12/8/2023 (Beijing)	Paper Session D105		Author's Affiliation	Country	Presenter		Chairs	
CST	04:30 PM-06:00 PM	ONCON23-000131	ADRC-based Event Triggering Control for Switched Nonlinear Systems with Actuator Enabling the Running Safety of Bearings: A Federated Learning Framework for Residual Useful Life Prediction	TT01: Intelligent Fault Diagnosis and Management	Bohai University	China	Liang Cao	caoliang0928@163.com	yuchen Jiang yc.jiang@hit.edu.cn
CET	09:30 PM-11:00 PM	ONCON23-000163	Dynamic Behavior Modeling of Analog Circuits Based on Decoupled Network	TT01: Intelligent Fault Diagnosis and Management	Southwest Jiaotong University	China	Liang Guo	guoliang@swjtu.edu.cn	
EST	03:30 AM-05:00 AM	ONCON23-000264	Fault Diagnosis of Controllable Pitch Propeller as Few-Shot Classification with Mechanism Simulation Data Augmentation	TT01: Intelligent Fault Diagnosis and Management	Northwestern Polytechnical University	China	Jinling Zhang	zhangjinling@mail.nwpu.edu.cn	
		ONCON23-000272		TT01: Intelligent Fault Diagnosis and Management	Shanghai Jiao Tong University	China	Yu Feng	fengyu_1997@sjtu.edu.cn	

		ONCON23-000209	Enhanced Data Acquisition System of Current Signature for Diagnosis of Variable Speed Induction Motor Drives with Full ADC Range Utilization and Noise Cancellation	TT07: Instrumentation, Sensors, Actuators, Systems Integration and Nano-technologies	IIT Kharagpur	India	Ronit Dutta	ronitofficials@gmail.com		
Time	12/8/2023 (Beijing)	Paper Session D106			Author's Affiliation	Country	Presenter		Chairs	
CST	04:30 PM-06:00 PM	ONCON23-000084	A Deep Double-Convolutional Neural Network-Based Method for Fault Detection	SS02: Data-Based Fault Diagnosis and Attack Detection in Industrial Systems: Recent Advances	Zhejiang University of Technology	China	Zhongxin Li	2524408535@qq.com	Size Zheng	zsz@zju.edu.cn
CET	09:30 PM-11:00 PM	ONCON23-000231	A Subspace-aided Fault Diagnosis Approach for Electrical Drive Systems	SS02: Data-Based Fault Diagnosis and Attack Detection in Industrial Systems: Recent Advances	Harbin Institute of Technology	China	Xinyu Qiao	qiaoxinyu2018@126.com		
EST	03:30 AM-05:00 AM	ONCON23-000050	An Integrated Lifting Predictive Model for Lumbar Injury Risk Assessment	SS10: Multi-agents Modeling and Simulation for Industrial Cyber-Physical Systems	Zhejiang University	China	Size Zheng	zsz@zju.edu.cn		
		ONCON23-000144	A Digital Twin-Oriented Data Link Modeling System	SS10: Multi-agents Modeling and Simulation for Industrial Cyber-Physical Systems	Xi'an Technological University	China	Wenshuo Lei	2390358714@qq.com		
		ONCON23-000034	Credit Card Fraud Detection Using XGBoost Driven Oversampling based Machine Learning Technique: For Application such as Electricity	SS02: Data-Based Fault Diagnosis and Attack Detection in Industrial Systems: Recent Advances	Indian Institute of Technology Jodhpur	India	Tarun Raj Singh	singh.188@iitj.ac.in		
Time	12/8/2023 (Beijing)	Paper Session D107			Author's Affiliation	Country	Presenter		Chairs	
CST	04:30 PM-06:00 PM	ONCON23-000093	A quasi-differential type event-triggered MPC for non-holonomic robots with coupled constraints and bounded disturbances	SS03: Model Predictive Control Theory and Its Application in Industrial Cyber-Physical Systems	Xi'an University of Posts and Telecommunications	China	Zhongxian Xu	xuzhongxian@xupt.edu.cn	Renjie Ma	renjiema@hit.edu.cn
CET	09:30 PM-11:00 PM	ONCON23-000098	Efficient coalitional model predictive control with Pareto optimal system partitioning	SS03: Model Predictive Control Theory and Its Application in Industrial Cyber-Physical Systems	College of Information Engineering, Zhejiang University of Technology	China	Defeng He	hdfzj@zjut.edu.cn	Zhongxian Xu	xuzhongxian@xupt.edu.cn
EST	03:30 AM-05:00 AM	ONCON23-000134	Double-layer optimal scheduling method for solar photovoltaic thermal system based on MPC	SS03: Model Predictive Control Theory and Its Application in Industrial Cyber-Physical Systems	Shaanxi Building Materials Technology Group Co., LTD	China	Hong Zhou	344090886@qq.com		
		ONCON23-000139	Two-Channel Event-Triggered Model Predictive Control for Optimal Operation of Office	SS03: Model Predictive Control Theory and Its Application in Industrial Cyber-Physical Systems	Xi'an University of Architecture and Technology	China	yanxin Li	liyanxin@xauat.edu.cn		
		ONCON23-000143	A Stable Control Method Designing for Longitudinal Platoon Problem	SS03: Model Predictive Control Theory and Its Application in Industrial Cyber-Physical Systems	Jilin University	China	Shuyou Yu	shuyou@jlu.edu.cn		
Time	12/8/2023 (Beijing)	Paper Session D108			Author's Affiliation	Country	Presenter		Chairs	
CST	04:30 PM-06:00 PM	ONCON23-000249	Comparison of Various Modulation Techniques on Conventional, Quasi-, and Switched Inductor Z-Source Inverter Topologies	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Pandit Deendayal Energy University	India	Amit Sant	amit.sant@sot.pdpu.ac.in	Abhishek Shukla	Abhishek.Shukla@cart.iitd.ac.in
CET	09:30 PM-11:00 PM	ONCON23-000274	Dynamic performance of BINSYM under load and speed variation	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Indian Institute of Technology Kharagpur	India	Arun Kumar Mondal	amitmondal@ieee.org	Bang Nguyen	bangnguyen@ieee.org
EST	03:30 AM-05:00 AM	ONCON23-000002	DeviceVeri-A Graphical Programming Based Test Script Generation Framework for Measurement Devices	TT10: Intelligent Factory Automation	ABB	India	Chandrika K R	chandrika.k-r@in.abb.com		
		ONCON23-000115	PIDPipe: A Pipeline for Digitizing P&ID with Unsupervised Symbol Localization	TT10: Intelligent Factory Automation	ABB	India	Chandrika K R	chandrika.k-r@in.abb.com		
		ONCON23-000236	An Approach for Estimation of Temperature Profile Inside a Reefer Container During Transportation	TT11: AI for Smart Cities, Buildings, Agriculture, Transportation, Energy Efficiency and Sustainability	IIT Kharagpur	India	Arun Kumar Nayak	kvarunkumarnayak@gmail.com		
Time	12/8/2023 (Beijing)	Paper Session D109			Author's Affiliation	Country	Presenter		Chairs	
CST	11:00 PM-12:30 AM	ONCON23-000015	Design Methodology of a microgrid based on hybrid Energy Sources	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Ecole de Technologie Supérieure	Canada	Kettly Gustave	kettly.gustave.1@ens.etsmtl.ca	Guangxing Niu	gniu@email.sc.edu
CET	04:00 PM-05:30 PM	ONCON23-000004	Sequential Predictive Torque Control of a Six-Phase Induction Machine fed by a Multi-Modular Direct Matrix Converter	TT03: Electrical Machines and Drives	Universidad Nacional de Asuncion	Paraguay	Edgar Maqueda.	emaqueda@ing.una.py		
EST	10:00 AM-11:30 AM	ONCON23-000200	Data-Driven Model Predictive Current Control of PMSM Incorporating an Adaptive Machine Learning Model	TT03: Electrical Machines and Drives	University of Windsor	Canada	Elham Shafieeroudbari	shafieea@uwindsor.ca		
		ONCON23-000281	Defect Recognition for Eddy Current Testing of Spent Nuclear Fuel Canister using Convolutional Neural Network	TT01: Intelligent Fault Diagnosis and Management	University of South Carolina	United States	Guangxing Niu	gniu@email.sc.edu		
		ONCON23-000286	Analysis of Influencing Factors of Parallel Current Sharing of High Power Module	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Nanjing University of Aeronautics and Astronautics	China	li wang	liwang@nuaa.edu.cn		
Time	12/8/2023 (Beijing)	Paper Session D110			Author's Affiliation	Country	Presenter		Chairs	
CST	11:00 PM-12:30 AM	ONCON23-000008	A Reconfigurable Photovoltaic and Battery System with Maximum-Power-Point Tracking and Load Sharing	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	TU Kaiserslautern	Germany	Nima Tashakor	tashakor@eit.uni-kl.de	Lukas Wagner	lukas.wagner@hsu-hh.de
CET	04:00 PM-05:30 PM	ONCON23-000019	Design Patterns for Optimization Models of Flexible Energy Resources	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Helmut-Schmidt-University Hamburg	Germany	Lukas Peter Wagner	lukas.wagner@hsu-hh.de		
EST	10:00 AM-11:30 AM	ONCON23-000020	Experimental Setup for the Evaluation of Optimization Strategies for Flexible Energy Resources	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Helmut-Schmidt University	Germany	Lasse Reinpold	reinpoll@hsu-hh.de		
		ONCON23-000072	Inductive Low-cost System to Measure the Volume Variation of Prismatic Lithium-ion Cells	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	University of Pisa	Italy	Cesare Sandri	cesare.sandri@phd.unipi.it		
		ONCON23-000278	Comparison of battery string parallelization systems to improve Na-NiCl ₂ battery reliability	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	University of Pisa	Italy	Gianluca Simonte	gianluca.simonte@phd.unipi.it		
		ONCON23-000148	Comparison of active energy-balance architectures for second-life battery dynamic	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	University of Pisa	Italy	Roberto Di Rienzo	roberto.dirienzo@unipi.it		
Time	12/8/2023 (Beijing)	Paper Session D111			Author's Affiliation	Country	Presenter		Chairs	

CST	11:00 PM-12:30 AM	ONCON23-000079	Models and Methods for Steady-State Analysis of Radial Multi-Energy Grids and Microgrids	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Department of Electrical Engineering (EEBE-UPC), Universitat Politècnica de Catalunya	Spain	Juan José Mesas	juan.jose.mesas@upc.edu	Yassine AMIRAT	yassine.amirat@isen-ouest.yrcn
CET	04:00 PM-05:30 PM	ONCON23-000085	Intelligent Control Algorithm for Power Balance Between Microgrids	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	University of Cadiz	Spain	David Carrasco González	david.carrasco@uca.es		
EST	10:00 AM-11:30 AM	ONCON23-000254	The Economic Aspect of Missing Capacity in Resource Adequacy Assessment Studies	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	National Technical University of Athens	Greece	Pantelis Dratsas	pantelisdratsas@mail.ntua.gr		
		ONCON23-000257	Capacity Value of Wind Powered Pumped Hydro Storage Virtual Power Plants	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	National Technical University of Athens	Greece	Pantelis Dratsas	pantelisdratsas@mail.ntua.gr		
		ONCON23-000276	Interaction between Machine Learning and Maintenance Planning for Wind Energy Systems: A Theoretical Review and Analysis	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	University of batna2	Algeria	Tarek BERGHOUT	t.berghout@univ-batna2.dz		
		ONCON23-000224	Electric vehicle remote monitoring using IoT technology based on artificial intelligence	TT03: Electrical Machines and Drives	Djelfa university	Algeria	OUADAH Abdelfetah	a_ouadah@enst.dz		
Time	12/8/2023 (Beijing)	Paper Session D112			Author's Affiliation	Country	Presenter		Chairs	
CST	11:00 PM-12:30 AM	ONCON23-000049	Active and Reactive Power Sharing of Two Parallel Inverters Using Combination of Synchronous Virtual Generator and Droop	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	École de Technologie Supérieure	Canada	Auguste Ndtoungou	auguste.ndtougou@etsmtl.ca		
CET	04:00 PM-05:30 PM	ONCON23-000166	Unveiling a New Vulnerability in Modern Power Systems: Leveraging Publicly-Available LMPs for Crafting Cyber-Attacks	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Lakehead University	Canada	Mohammadmahdi Asghari	masghar2@lakeheadu.ca		
EST	10:00 AM-11:30 AM	ONCON23-000183	Cybersecurity Vulnerabilities in Phase-Locked Loop (PLL) of DEIG-Based Wind Power Plants	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Assistant Professor Concordia University	Canada	Mostafa Ansari	ansari.mostafa70@gmail.com		
		ONCON23-000184	Detection and Mitigation of False Data Injection Attacks on Wide Area Damping Controllers	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Assistant Professor Concordia University	Canada	Masoud Babaei Vavdareh	masoudbabaei098@gmail.com		
		ONCON23-000185	Recursive Least-Square-Based Parameter Estimation for Dynamic State Estimation in Power Grids	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Lakehead University	Canada	Shahin Riahinia	sriahini@lakeheadu.ca	Prof. Amir Ameli	aameli@lakeheadu.ca
		ONCON23-000221	Cyber Attack-Aware Security Hardening of Time Synchronization Technologies in WAMPAC Systems	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Concordia Institute for Information and Systems engineering	Canada	Masoud Zadsar	masoud.zadsar@gmail.com		

Day-2 Saturday December 9, 2023 (Beijing Time)										
	Paper ID	Paper Title	Track	Author's Affiliation	Country	Presenter	Chairs			
Time	12/9/2023 (Beijing)	Paper Session D201		Author's Affiliation	Country	Presenter	Chairs			
CST	11:00 AM-12:30 PM	ONCON23-000047	LPL-SLAM: LiDAR SLAM with Plane and Line Optimization for Structural Environment	SS06: Emergent topics of AI in Space Robotic Applications	Jilin University	China	Huanfeng Zhao	hfzha02@mails.jlu.edu.cn	Renjie Ma	renjiema@hit.edu.cn
CET	04:00 AM-05:30 AM	ONCON23-000125	An Improved A-star Algorithm for Path Planning Based on Ant Colony Optimization	SS06: Emergent topics of AI in Space Robotic Applications	School of Artificial Intelligence of Jilin University	China	Yingbo Luo	2413669045@qq.com		
EST	10:00 PM-11:30 PM	ONCON23-000129	A Mars Multi-terrain Simulator Using a Modular Terrain Construction Framework	SS06: Emergent topics of AI in Space Robotic Applications	Jilin University	China	Yun Jiang	2415777318@gmail.com		
		ONCON23-000149	Study on Optimization Method of Cam Grinding Accuracy	SS06: Emergent topics of AI in Space Robotic Applications	Jilin University	China	Lu Kang	kanglu21@mails.jlu.edu.cn		
		ONCON23-000152	Adaptive-Control of Controlled Floating Space Robots Based on Fully-Actuated System Theory	SS06: Emergent topics of AI in Space Robotic Applications	Harbin Institute of Technology	China	Shengze Yuan	23h918108@stu.hit.edu.cn		
		ONCON23-000172	Co-Optimization Method for Modular Robots Based on Evolutionary Algorithm	SS06: Emergent topics of AI in Space Robotic Applications	Jilin University	China	Meibao Yao	meibaoyao@jlu.edu.cn		
Time	12/9/2023 (Beijing)	Paper Session D202		Author's Affiliation	Country	Presenter	Chairs			
CST	11:00 AM-12:30 PM	ONCON23-000026	The Obstacle Avoidance Pursuit-Evasion Game With A Non-Quadratic Performance Index Based on Polynomial Approximation	SS07: Intelligent mobile robot systems: decision, planning and control	Northwestern Polytechnical University	China	wenyuan Li	wenyuanli214@163.com	Yang Deng	dengyang@tsinghua.edu.cn
CET	04:00 AM-05:30 AM	ONCON23-000074	Enhanced Hybrid A* Path Planning for Unmanned Surface Vehicles Using Integrated	SS07: Intelligent mobile robot systems: decision, planning and control	Shanghai University	China	Jie-Yu Wang	wyddy520@gmail.com		
EST	10:00 PM-11:30 PM	ONCON23-000066	A study of the optimal poses based calibration method for kinematic parameters of Stewart	TT06: Robotics, Autonomous Systems, and Mechatronics	Nanjing Institute of Technology	China	Du Bao an	baoran_du@126.com		
		ONCON23-000091	A Path Planning Method for Intelligent Warehouse Robots Based on Improved A-star	SS07: Intelligent mobile robot systems: decision, planning and control	Harbin Institute of Technology at Weihai	China	xinyue zhou	zyuelu@163.com		
Time	12/9/2023 (Beijing)	Paper Session D203		Author's Affiliation	Country	Presenter	Chairs			
CST	11:00 AM-12:30 PM	ONCON23-000116	Design and Control of Ant3DBot: A Modular Self-Reconfigurable Robot	SS07: Intelligent mobile robot systems: decision, planning and control	Shanghai University	China	Xiaowen Hu	kr1shu0714@gmail.com	Minglei Zhu	minglei.zhu@uestc.edu.cn
CET	04:00 AM-05:30 AM	ONCON23-000121	Path Planning Strategy of Inchworm-like Robots Based on RAG-RRT* Algorithm	SS07: Intelligent mobile robot systems: decision, planning and control	University Of Electronic Science And Technology Of	China	Shidong Qiu	1014100655@qq.com		
EST	10:00 PM-11:30 PM	ONCON23-000122	General Research and Design of Snake Robot for Fault Detection in Confined Space	SS07: Intelligent mobile robot systems: decision, planning and control	University of Electronic Science and Technology of	China	Siyu Chen	1239017558@qq.com		
		ONCON23-000123	Path Planning of an Inchworm-like Robot in 3D Environment Based on Improved Ant Colony Algorithm	SS07: Intelligent mobile robot systems: decision, planning and control	China University of Petroleum, Beijing	China	Zhaohua Sun	2444879597@qq.com		
		ONCON23-000142	An Improved VFH+ Algorithm for Real-time Obstacle Avoidance in Unmanned Surface	SS07: Intelligent mobile robot systems: decision, planning and control	Shanghai University	China	Yi-Wen Zhang	1093386631@qq.com		
Time	12/9/2023 (Beijing)	Paper Session D204		Author's Affiliation	Country	Presenter	Chairs			
CST	11:00 AM-12:30 PM	ONCON23-000088	A Single-Phase Five-Level Inverter Topology for Distributed Sources	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	University of South Carolina	United States	Aleck Leedy	aleedy@murraystate.edu	Bang Nguyen	bangnguyen@ieee.org>
CET	04:00 AM-05:30 AM	ONCON23-000099	Grid Interactive PV-fed BLDC Motor with Power Quality Features using Predictive Current Approximation of Fuel Cell Characteristic	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	University of Houston	United States	Virendra Singh	vsingh27@cougarnet.uh.edu		
EST	10:00 PM-11:30 PM	ONCON23-000174	Curves for Maximum Power Point Tracking Control of Parallel Buckboost Converters in a Microgrid using an Extended Kalman Filter	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Murray State University	United States	Alec Leedy	aleedy@murraystate.edu		
		ONCON23-000230	A Comparative Analysis of Voltage Control Methods for Single-Phase Grid-Forming	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	The University of Texas at Austin	United States	Mahesh Srinivasan	srinimahesh@utexas.edu		
		ONCON23-000173	Considerations of Extremum-Seeking Control based on the Sinusoidal Perturbation Applied to the MPPT Converter with PWM Modulation	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Rio de Janeiro State University	Brazil	Cleiton Freitas	cleiton.freitas@uerj.br		
		ONCON23-000256		SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Rio de Janeiro State University	Brazil	Cleiton Freitas	cleiton.freitas@uerj.br		
Time	12/9/2023 (Beijing)	Paper Session D205		Author's Affiliation	Country	Presenter	Chairs			
CST	03:45 PM-05:15 PM	ONCON23-000156	Dynamic Coupling Characteristic Analysis of a Loaded Stewart Parallel Robot	SS07: Intelligent mobile robot systems: decision, planning and control	University of Electronic Science and Technology of	China	Song Yaru	15835381130@163.com	Linqi Ye	yeinqi@shu.edu.cn
CET	08:45 AM-10:15 AM	ONCON23-000169	A Trajectory Tracking Control Approach of Double-Pendulum Quadrotor Transportation Systems With Input Saturation	SS07: Intelligent mobile robot systems: decision, planning and control	Northeastern University	China	Yuchun Li	2200854@stu.neu.edu.cn	Yuming Wu	wuyiming@ise.neu.edu.cn
EST	02:45 AM-04:15 AM	ONCON23-000186	An Online Trajectory Planning Approach for Quadrotor Suspension Transportation Systems: Anti-swing and Obstacle Avoidance	SS07: Intelligent mobile robot systems: decision, planning and control	Northeastern University	China	Cheng Zhao	2170892@stu.neu.edu.cn		
		ONCON23-000204	High-precision Trajectory Tracking Control for Uncertain Nonminimum Phase Hypersonic	SS07: Intelligent mobile robot systems: decision, planning and control	Shanghai University	China	Rankun Li	rankunli@shu.edu.cn		
		ONCON23-000220	Design of the Mechanism for the Multi-USV Launch and Recovery System	SS07: Intelligent mobile robot systems: decision, planning and control	Shanghai University	China	guang li	2337288813@shu.edu.cn		
		ONCON23-000228	Collision Avoidance for Unmanned Surface Vehicle in Extreme Multi-Ship Encounter	SS07: Intelligent mobile robot systems: decision, planning and control	Shanghai University	China	Jianjian Liu	liujianjian0018@163.com		
Time	12/9/2023 (Beijing)	Paper Session D206		Author's Affiliation	Country	Presenter	Chairs			
CST	03:45 PM-05:15 PM	ONCON23-000164	Single DC Source Based Asymmetric Multilevel Inverter: Principle, Modulation And Control	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Indian Institute of Technology Delhi	India	Rishabh Kumar Sharma	esz228340@ese.iitd.ac.in	Shubham Dabral	shubham.dabral.eee12@iitbhu
CET	08:45 AM-10:15 AM	ONCON23-000165	A Design and Implementation of a Novel Multi-Stage Ultra High Gain DC-DC Converter with Boost Cell Network	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	National Institute of Technology Karnataka, Sirathkal	India	Prajof P	prajof@nitk.edu.in		
EST	02:45 AM-04:15 AM	ONCON23-000205	A Novel Switched-Inductor merged SEPIC-Cuk Converter with Enhanced Voltage Gain	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	National Institute of Technology Karnataka,	India	Arun Dominic D	Arun.Dominic.Darun.dominic@nitk.edu.in		
		ONCON23-000023	A High-Speed Current Regulator Based on a Buck DC-DC Converter Using a Direct	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Northern Arctic Federal University	Russian Federation	Sergey Skovpen	skovpensm@mail.ru		

		ONCON23-000106	Path Planning Scheme for AUV Based on Improved Model Predictive Control	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Dalian Maritime University	China	Li-Ying Hao	haoliying_0305@163.com		
		ONCON23-000067	Adaptive decentralized fault-tolerant control of nonlinear large-scale systems with actuator faults and unknown strong interconnections	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	North China University Of Science And Technology	China	xuekun Yan	xuekun_yan@163.com		
Time	12/9/2023 (Beijing)	Paper Session D207			Author's Affiliation	Country	Presenter		Chairs	
CST	03:45 PM-05:15 PM	ONCON23-000126	PLS-based cooperative fault-tolerant consensus control for non-affine nonlinear multi-agent systems with switching topologies	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Heilongjiang University	China	Xin Wang	xinwang@hlju.edu.cn	Zhijian Hu	zhijian.hu@ntu.edu.sg
CET	08:45 AM-10:15 AM	ONCON23-000146	Distributed Optimal Collaborative Control for Linear Multi-Agent Systems under Switching Topology	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Heilongjiang University	China	Xin Wang	xinwang@hlju.edu.cn		
EST	02:45 AM-04:15 AM	ONCON23-000109	Self-triggered MPC for trajectory tracking of an Autonomous Underwater Vehicle with additive disturbance	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Dalian Maritime University	China	Li-Ying Hao	haoliying_0305@163.com		
		ONCON23-000124	Real-Time Ship Detection Algorithm Based on Improved YOLOv8 Network	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Dalian Maritime University	China	Li-Ying Hao	haoliying_0305@163.com		
		ONCON23-000161	CSE-YOLOv5: A Lightweight Attention Guided YOLOv5 Network based on EIoU Loss		Dalian Maritime University	China	Li-Ying Hao	haoliying_0305@163.com		
		ONCON23-000234	A cooperative positioning algorithm based on adaptive selection and factor graph	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Harbin Institute of Technology at Weihai	China	Qicheng Guo	2034397618@qq.com		
Time	12/9/2023 (Beijing)	Paper Session D208			Author's Affiliation	Country	Presenter		Chairs	
CST	03:45 PM-05:15 PM	ONCON23-000058	Event-triggered control for fuzzy Markov jump systems with deception attack	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	China University of Mining and Technology	China	欣晨 施	sxc18101488216@163.com		
CET	08:45 AM-10:15 AM	ONCON23-000266	Comparison and Deduction of Maximum Entropy Deep Inverse Reinforcement Learning	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Xi'an Technological University	China	Guannan Chen	chen_grant@163.com		
EST	02:45 AM-04:15 AM	ONCON23-000267	Research on Formation Control for Unmanned Surface System Based on Behavioral Approach	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Xi'an Technological University	China	Li Dan	cuclid@163.com		
		ONCON23-000268	Anomalous traffic detection algorithm for SDN	SS08: Robust Control, Learning and Optimization and their applications on Ocean Engineering and Industrial Processes	Xi'an Technological University	China	思歧 郑	20153192@qq.com		
		ONCON23-000025	Multiple Markov Chains-based Layered Random Fault Injection Method for Air Braking System	SS05: Process Monitoring and Recovery Techniques for Industrial Processes	Central South University	China	Jingke Fan	fjkzqc@163.com	zhiwen Chen	zhiwen.chen@csu.edu.cn
Time	12/9/2023 (Beijing)	Paper Session D209			Author's Affiliation	Country	Presenter		Chairs	
CST	10:30 PM-12:00 AM	ONCON23-000132	Toolset Development for Modelling Sympathetic Phenomenon and its Detection by a Neural Manufacturable Edgewise Winding Solutions	SS10: Multi-agents Modeling and Simulation for Industrial Cyber-Physical Systems	Lulea University of Technology	Sweden	Nikolai Galkin	nikolai.galkin@ltu.se	Yuchen Jiang	yc.jiang@hit.edu.cn
CET	03:30 PM-05:00 PM	ONCON23-000053	Considering Parallel Slot and Parallel Tooth Stator Structures	TT03: Electrical Machines and Drives	University of Nottingham	United Kingdom	Leia George	eevg1@nottingham.ac.uk		
EST	09:30 AM-11:00 AM	ONCON23-000048	Dynamic Analysis of Evolving Industrial Alarm Floods Using an Adaptive Causal Directed Graph	TT01: Intelligent Fault Diagnosis and Management	Helmut-Schmidt-Universität - Universität der Bundeswehr Hamburg	Germany	Franz Christopher Kunze	franz.kunze@hsu-hh.de		
		ONCON23-000097	Multivalued attribute encoding and feature generating for zero-shot diagnosis of machine faults	TT01: Intelligent Fault Diagnosis and Management	Université Toulouse III - Paul Sabatier	France	Boyan Sun	sunbyconf@163.com		
		ONCON23-000154	Modeling and Simulation Techniques for Energy Behavior in Production Systems: A Review and Systematic Taxonomy	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Institute for Factory Automation and Production Systems (FAPS) of Friedrich-Alexander-Universität	Germany	Martin Barth	martin.barth@faps.fau.de		
		ONCON23-000153	Dynamic Causal Analysis with Operator-Centric Visualization for Managing Industrial Alarm Floods	SS05: Process Monitoring and Recovery Techniques for Industrial Processes	Industrial AI, ABB Corporate Research Center, Ladenburg, Germany	Germany	Gianluca Manca	gianluca.manca@de.abb.com		
Time	12/9/2023 (Beijing)	Paper Session D210			Author's Affiliation	Country	Presenter		Chairs	
CST	10:30 PM-12:00 AM	ONCON23-000087	Emitter Seed Localization using Movable Sensor Barriers	TT07: Instrumentation, Sensors, Actuators, Systems Integration and Nano-technologies	University of Hawaii	United States	Peter Berkelman	peterb@hawaii.edu	Bang Nguyen	bangnguyen@ieee.org
CET	03:30 PM-05:00 PM	ONCON23-000229	Synopsis of Pulse Modulator for Beam Chopper in IANSCE Particle Accelerator		Los Alamos National Laboratory	United States	Bang Nguyen	bangnguyen@ieee.org		
f	09:30 AM-11:00 AM	ONCON23-000078	StratGenius: Natural Language Processing-Based System To Determine Effective Influencer Marketing Strategies	TT09: Industrial Informatics: Cloud Computing, Machine Learning, Big Data, AI, Informatics and Software Engineering	University of Westminster	United States	Dona Nanayakkara	shaini.nanayakkara@gmail.com		
		ONCON23-000051	Frequency and Voltage Control of Grid Forming Using MPC Current Control Technique to improve stability For LV Distribution Network	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	École de Technologie Supérieure	Canada	Abdelhamid Hamadi	cc-abdelhamid.hamadi@etsmtl.ca		
		ONCON23-000089	Towards web-applications for domain-specific languages and development tools	TT09: Industrial Informatics: Cloud Computing, Machine Learning, Big Data, AI, Informatics and Software Engineering	JetBrains	United States	Radimir Sorokin	rad.sorokin@gmail.com		
		ONCON23-000119	Bidirectional Multi-Stack RNNs with Attention for Machine Translation		Dalhousie University	Canada	Zhiren Chen	zhiren.chen@mail.utoronto.ca		
Time	12/9/2023 (Beijing)	Paper Session D211			Author's Affiliation	Country	Presenter		Chairs	
CST	10:30 PM-12:00 AM	ONCON23-000181	Model Predictive Control under Open-Circuit Fault in a 3-phase Open-end Winding Permanent Magnet Synchronous Motor	TT03: Electrical Machines and Drives	Moscow Power Engineering Institute	Russian Federation	Alecksey Anuchin	anuchin.alecksey@gmail.com		

CET	03:30 PM-05:00 PM	ONCON23-000038	Exact Electrical Equivalent Circuit Model for Analysis of Permanent Magnet Direct Current (PMDC) Motor	TT03: Electrical Machines and Drives	TUBITAK	Turkey	Abdullah Altay	abdullah.altay@tubitak.gov.tr		
EST	09:30 AM-11:00 AM	ONCON23-000247	Voltage Regulation of Permanent Magnet Synchronous Generator in Variable Load by Using Buck-Converter in Aircraft Applications	TT03: Electrical Machines and Drives	Yasar University	Turkey	Deniz Akgun	deniz.akgun1993@gmail.com		
		ONCON23-000219	Energy Performance Indicators for Energy Management Systems in Net Zero Energy	SS05: Process Monitoring and Recovery Techniques for Industrial Processes	UFERSA	Brazil	Rogério Silva	rogeriodss@ieee.org		
		ONCON23-000198	Educational Programme Management Methodology for Research Projects	TT12: Standards, Education and Ethics of Industrial Applications	National Technical University of Athens	Greece	Alkistis Kontou	alkistiskont@gmail.com		
		ONCON23-000223	Performance Enhancement of SPMSM Under Robust Modulated Model Predictive Current Control Considering Parameters Mismatch	TT03: Electrical Machines and Drives	Tanta University	Egypt	Mahmoud Khamis	mahmoud_khames@f-eng.tanta.edu.eg		
Time	12/9/2023 (Beijing)	Paper Session D212			Author's Affiliation	Country	Presenter		Chairs	
CST	10:30 PM-12:00 AM	ONCON23-000128	Adaptive Fuzzy Generalized Predictive Control of pH in Tubular Photobioreactors on Microalgae Plant	SS03: Model Predictive Control Theory and Its Application in Industrial Cyber-Physical Systems	University of Coimbra, CEMMPRE, ARISE	Portugal	Rui Araujo	rui@isr.uc.pt		
CET	03:30 PM-05:00 PM	ONCON23-000175	Control Strategies Proposals in Grid-Connected Converters: Balancing Inverter Output Current Limitation and Power Injection	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	Universitat Jaume I	Spain	Ignacio Peñarocha-Alós	ipenarro@uji.es		
EST	09:30 AM-11:00 AM	ONCON23-000215	Study of high current press-fit connectors for electrical performance	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	RPTU	Germany	Akshata Ankush Sangle	akshata.sangle@rptu.de		
		ONCON23-000217	Inverter Driven Electric Motors: Accurate Analysis of Bearing Capacitance and Identification of Contributors	SS04: Power Electronics Converter and Control for Distributed and Renewable Energy	RPTU	Germany	Akshata Ankush Sangle	akshata.sangle@rptu.de		
		ONCON23-000199	Improving the Resilience of Modular Multilevel Converters using Concurrent Estimators	SS02: Data-Based Fault Diagnosis and Attack Detection in Industrial Systems: Recent Advances	TU Kaiserslautern	Germany	Masoud Amirrezai	Amirrezai@eit.uni-kl.de		

Day-3 Sunday December 10, 2023 (Beijing Time)									
Time	Paper ID	Paper Title	Track	Author's Affiliation	Country	Presenter	Chairs		
Paper Session D301									
CST	09:45 AM-11:15 AM	ONCON23-000140	Open Closed-loop finite-time setting control of a 1DOF overhead crane using vibration-damped transfer trajectories as lifting functions from solutions of a two-point boundary value problem consisting of half-odd-integer trigonometric functions	TT05: Industrial Control Systems and Applications	Mie University	Japan	Shigeo Kotake	kotake@mach.mie-u.ac.jp	
CET	02:45 AM-04:15 AM	ONCON23-000141	Generalized fast vibration-damping transfer cam curve with arbitrary rise time in point symmetry	TT05: Industrial Control Systems and Applications	Mie University	Japan	Shigeo Kotake	kotake@mach.mie-u.ac.jp	
EST	08:45 PM-10:15 PM	ONCON23-000162	Nonlinear filtering based on lattice trajectory piecewise linear approximation with application to a wastewater treatment plant	TT05: Industrial Control Systems and Applications	Harbin Institute of Technology, Shenzhen	China	Jiaming Wang	21s153144@stu.hit.edu.cn	
		ONCON23-000189	Commandable areas of a Two-input three-level buck converter	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	King Mongkut's University of Technology North Bangkok (KMUTNB)	Thailand	Matheepot Phattanasak	matheepot.p@fpe.kmutnb.ac.th	
		ONCON23-000237	A Machine Learning-based Approach for Automatic Grading and Quality Inspection of Indian Mangoes	TT08: Signal and Image Processing, Computational Intelligence	IIT Kharagpur	India	Varun Kumar	varunjanumpally31@gmail.com, snehakumari.sk7@gmail.com	
Paper Session D302									
CST	09:45 AM-11:15 AM	ONCON23-000035	Adaptive Nonsingular Fast Terminal Sliding Mode Control for a Quadrotor Despite Complete Failure of Single Rotor	TT06: Robotics, Autonomous Systems, and Mechatronics	Northeastern University	China	xu jie	1642364884@qq.com	Yang Deng
CET	02:45 AM-04:15 AM	ONCON23-000045	A Fast Point-Line Visual-Inertial Odometry with Structural Regularity	TT06: Robotics, Autonomous Systems, and Mechatronics	Northeastern University	China	Xuefeng Liu	2170738@stu.neu.edu.cn	
EST	08:45 PM-10:15 PM	ONCON23-000104	Real-time Positioning and Mapping Based on Multi-sensor Fusion for Vehicle System	TT06: Robotics, Autonomous Systems, and Mechatronics	Beihang University	China	Ke Liu	zyluke@buaa.edu.cn	
		ONCON23-000275	Collaborative Object Detection and Distributed Fusion Based on Dual Camera	TT06: Robotics, Autonomous Systems, and Mechatronics	Northwestern Polytechnical University	China	Shunli Gao	gaoshunli@mail.nwpu.edu.cn	
		ONCON23-000009	A Behavioral Model for Single Leader: Leader-Follower Drone Swarm in Leader's Failure	TT06: Robotics, Autonomous Systems, and Mechatronics	University of Colombo School of Computing	Sri Lanka	Chathura Wanniarachchi	wchathuraj@gmail.com	
		ONCON23-000280	Hybrid battery model parameter estimation and optimization using a two-step procedure and parameter sensitivity analysis	SS10: Multi-agents Modeling and Simulation for Industrial Cyber-Physical Systems	University of South Carolina	United States	Enhui Liu, Leo Sun	eliu@email.sc.edu, leosunusa@gmail.com	
Paper Session D303									
CST	09:45 AM-11:15 AM	ONCON23-000018	Acquisition of Association Rules between a Situation and an Operation of Driving Behavior by using Time Series Clustering based on Coupled GP-HSMM	TT08: Signal and Image Processing, Computational Intelligence	Suwa University of Science	Japan	Kohjiro Hashimoto	k-hashimoto@rs.sus.ac.jp	Liang Guo
CET	02:45 AM-04:15 AM	ONCON23-000039	Study on a Detection Method of Driving Scenes Using Driver's Operation Data and In-Vehicle Camera Videos	TT08: Signal and Image Processing, Computational Intelligence	Suwa University of Science	Japan	Kohjiro Hashimoto	k-hashimoto@rs.sus.ac.jp	
EST	08:45 PM-10:15 PM	ONCON23-000179	Pixel Block-based Data Hiding Approach for Enhanced Payload Capacity in Spatial Domain Images	TT08: Signal and Image Processing, Computational Intelligence	Sepuluh Nopember Institute of Technology (ITS)	Indonesia	Muhammad Nevin	6025231085@student.its.ac.id	
		ONCON23-000188	Improving the Imperceptibility of Hidden Data in a Digital Image Using Difference Expansion	TT08: Signal and Image Processing, Computational Intelligence	Sepuluh Nopember Institute of Technology	Indonesia	Gregorius Guntur Sunardi Putra	6025231023@student.its.ac.id	
		ONCON23-000235	A Comprehensive Review of Beamforming-Based Speech Enhancement Techniques, IoT, and Smart City Applications	TT08: Signal and Image Processing, Computational Intelligence	UNIVERSITI PUTRA MALAYSIA	Malaysia	SURESHKUMAR NATARAJAN	suresh45619@gmail.com	
Paper Session D304									
CST	09:45 AM-11:15 AM	ONCON23-000068	Hand movement function rehabilitation evaluation system based on inertial sensors	TT07: Instrumentation, Sensors, Actuators, Systems Integration and Nano-technologies	Zhejiang University	China	Tao Liu	liutao@zju.edu.cn	Xiangliang Zhang
CET	02:45 AM-04:15 AM	ONCON23-000112	A flexible, highly sensitivity and wideband width response non-contact triboelectric nanogenerator for online vibration monitoring	TT07: Instrumentation, Sensors, Actuators, Systems Integration and Nano-technologies	Wenzhou university	China	Guizhong Li	liguizhong@wzu.edu.cn	Lei Shu
EST	08:45 PM-10:15 PM	ONCON23-000241	Virtual sensing of aircraft extreme parameters based on parameter spatiotemporal correlation	TT07: Instrumentation, Sensors, Actuators, Systems Integration and Nano-technologies	Harbin Institute of Technology	China	Song yuchen	songyuchen@hit.edu.cn	
		ONCON23-000043	Development of a system for measuring teacher movements using a laser distance sensor	TT12: Standards, Education and Ethics of Industrial Applications	Tokyo Gakugei University	Japan	Takeshi Ikegami	a191402s@st.u-gakugei.ac.jp	
		ONCON23-000284	A Bifacial PV/Battery Three Port Hybrid System for Stand-alone Applications		Indian Institute of Technology Kharagpur	India	Preeti Kumari Sahu	preeti.eee20@gmail.com	
		ONCON23-000244	An Insecticidal Counting Method Based on Insecticide Discharge Sound Signal Processing	TT08: Signal and Image Processing, Computational Intelligence	Nanjing Agricultural University	China	Zitian Jiang	sky.jiang@stu.njau.edu.cn	
Paper Session D305									
CST	04:30 PM-06:00 PM	ONCON23-000170	A Novel Input-Parallel Output-Series SEPIC-Cuk Converter for Bipolar Voltage Balancing	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	National Institute of Technology Karnataka	India	Arun Dominic D	arun_dominic@nitk.edu.in	Prof. Saptarshi Basak
CET	09:30 AM-11:00 AM	ONCON23-000187	Non-Active Power Mitigation of Partial Power Processing DC-DC Converter for Onboard EV Charger	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	National Institute of Technology, Tiruchirappalli	India	Veeramani Veerakounadr	veeramani86@gmail.com	Amit Sant
EST	03:30 AM-05:00 AM	ONCON23-000190	A Novel Bidirectional High Gain DC-DC Converter with Active Switched Inductor and Wide Voltage Conversion Ratio	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	National Institute of Technology Karnataka, Surathkal	India	Prajof P.	prajof@nitk.edu.in	
		ONCON23-000192	A New Design Technique for Pole-changing Induction Motors Considering Drive Cycle	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	IIT Delhi	India	SHUBHAM DABRAL	shubham.dabral.eee12@iithhu.ac.in	

		ONCON23-000196	Driving Cycle-Based Design and Optimization of Reduced Rare-Earth Interior Permanent Magnet Synchronous Motor for Electric Vehicle	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	IIT Delhi	India	Abhishek Shukla	abhishek.shukla@cart.iitd.ac.in		
		ONCON23-000248	Cascaded Low-Pass Filtering Algorithm-Based Control of Single-Phase Electric Vehicle Charger	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Pandit Deendayal Energy University	India	Amit Sant	amit_sant@sot.pdpu.ac.in		
Time	12/10/2023 (Beijing)	Paper Session D306			Author's Affiliation	Country	Presenter		Chairs	
CST	04:30 PM-06:00 PM	ONCON23-000251	A Linear Observer Design for Fast Open Switch Fault Detection of Interleaved Boost Converters	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Laboratoire de Génie Electrique et des Plasmas (L.GEP), University ibn khaldoun of Taret	Algeria	Ayad Ahmed Djamel	ahmeddjamel.ayad@univ-tiaret.dz	Neha Tak	nehatak1990@gmail.com
CET	09:30 AM-11:00 AM	ONCON23-000252	Fault-Tolerant Modular Multilevel Batteries Connected to Electric Vehicle Multiphase	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	TU Kaiserslautern	Germany	Nima Tashakor	tashakor@eit.uni-kl.de	Ivan Hofsjajer	ivan.hofsajajer@wits.ac.za
EST	03:30 AM-05:00 AM	ONCON23-000277	An Investigation of Direct and Indirect Powers of DC-DC Conversion Systems	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	University of the Witwatersrand	South Africa	Ivan Hofsjajer	ivan.hofsajajer@wits.ac.za		
		ONCON23-000105	DC-Voltage Control Design under Saturation Nonlinearity by Using Singular Perturbation	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Norwegian University of Science and Technology	Norway	Trond Markus Tjøtturen	trond.m.tjotturen@ntnu.no		
		ONCON23-000135	On the Necessity, Security Requirements and Performance Requirements of Digital Signature Co-processors in Li-ion BMSs	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	University of Pisa, Department of Information Engineering	Italy	Luca Crocetti	luca.crocetti@unipi.it		
		ONCON23-000193	AI-Driven User-Centric Energy Management in Urban Lightweight Electric Fleet Vehicles with Hybrid Storage	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Universitat Politècnica de Catalunya	Spain	Mirko D'Adamo	mirko.d.adamo@estudiantat.upc.edu		
Time	12/10/2023 (Beijing)	Paper Session D307			Author's Affiliation	Country	Presenter		Chairs	
CST	04:30 PM-06:00 PM	ONCON23-000011	Coordinated attack of multiple step based on local and global information	TT09: Industrial Informatics: Cloud Computing, Machine Learning, Big Data, AI, Informatics and Software Engineering	State Grid Electric Power Research Institute	China	Chao Yang	chao_yang01@163.com		
CET	09:30 AM-11:00 AM	ONCON23-000052	Deterministic Communication Between Container-Based Industrial Edge Applications based on Hybrid Virtualization Architecture	TT09: Industrial Informatics: Cloud Computing, Machine Learning, Big Data, AI, Informatics and Software Engineering	Shanghai Jiao Tong University	China	Dali Yang	yangdali@sjtu.edu.cn		
EST	03:30 AM-05:00 AM	ONCON23-000077	Transfer-DDG: Prediction of protein-protein binding affinity changes with mutations based on large pre-trained model transfer learning	TT09: Industrial Informatics: Cloud Computing, Machine Learning, Big Data, AI, Informatics and Software Engineering	Beijing Institute of Technology	China	Xiumin Shi	shm@bit.edu.cn		
		ONCON23-000127	UDDT: An Unsupervised Drift Detection Method for Industrial Time Series Data	TT09: Industrial Informatics: Cloud Computing, Machine Learning, Big Data, AI, Informatics and Software Engineering	ABB corporate	India	Deepti Maduskar	deepti.maduskar@in.abb.com		
		ONCON23-000195	Haptic Based Surface Texture Classification Using Machine Learning Techniques	TT09: Industrial Informatics: Cloud Computing, Machine Learning, Big Data, AI, Informatics and Software Engineering	University of Moratuwa	Sri Lanka	U. G. Savini Kashmira	savikashmira@ieee.org		
		ONCON23-000150	Comparison and Deduction of Maximum Entropy Deep Inverse Reinforcement Learning	TT09: Industrial Informatics: Cloud Computing, Machine Learning, Big Data, AI, Informatics and Software Engineering	Xi'an Technological University	China	Guannan Chen	chen_grant@163.com		
Time	12/10/2023 (Beijing)	Paper Session D308			Author's Affiliation	Country	Presenter		Chairs	
CST	04:30 PM-06:00 PM	ONCON23-000155	A real-time load positioning and recognition system integrating image segmentation	TT11: AI for Smart Cities, Buildings, Agriculture, Transportation, Energy Efficiency and Sustainability	Huazhong University of Science and Technology	China	Shiyu Liu	liushiyu@hust.edu.cn	Jie Liu	jie_liu@hust.edu.cn
CET	09:30 AM-11:00 AM	ONCON23-000238	An improved cross-entropy method for the water pump scheduling optimization problem	TT11: AI for Smart Cities, Buildings, Agriculture, Transportation, Energy Efficiency and Sustainability	Shanghai Jiao Tong University	China	huaqian zeng	francesco.zeng@mail.polimi.it	Sriram Rangarajan	sriram.rangarajan92@gmail.com
EST	03:30 AM-05:00 AM	ONCON23-000194	A New Cost-Effective Drive Control Technique to Improve Reference Trajectory Tracking for Gearless PMSM Driven Elevator System	TT03: Electrical Machines and Drives	Indian Institute of Technology Bombay	India	Sriram Rangarajan	sriram.rangarajan92@gmail.com		
		ONCON23-000239	Electromagnetic Performance Analysis of Steel-Canned Halbach Permanent Magnet Rotor Synchronous Machine	TT03: Electrical Machines and Drives	Indian Institute of Technology Delhi	India	Durgesh Kumar Banchhor	d.banchhor91@gmail.com		
		ONCON23-000240	Effect of Eccentric Tooth Tip Arc on Cogging Torque of PM Machines	TT03: Electrical Machines and Drives	Indian Institute of Technology Delhi	India	Durgesh Kumar Banchhor	d.banchhor91@gmail.com		
		ONCON23-000120	Spatio-temporal Adaptive Hybrid Graph Convolutional Networks for Traffic Flow Forecasting (STAHGCN)	TT11: AI for Smart Cities, Buildings, Agriculture, Transportation, Energy Efficiency and Sustainability	SanMengXia Polytechnic	China	Yuan Yao	clly666@163.com		
Time	12/10/2023 (Beijing)	Paper Session D309			Author's Affiliation	Country	Presenter		Chairs	
CST	10:30 PM-12:00 AM	ONCON23-000032	Control Synthesis of a Buck-Derived Active Energy Storage System in PV Microinverter	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Arizona State University	United States	Connor Reece	creece@asu.edu		
CET	03:30 PM-05:00 PM	ONCON23-000033	DC Link Voltage Optimization for Efficiency Enhancement of Electric Vehicle Onboard	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Arizona State University	United States	Abed Kazemtarghi	akazemta@asu.edu		
EST	09:30 AM-11:00 AM	ONCON23-000056	Mathematical model and control of a three-level boost converter used as electronic interface for fuel cell vehicles	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	University of Sao Paulo	Brazil	Lucas Silva	lucasjons@usp.br		
		ONCON23-000283	Analysis of a new driving technique for Enhancing the GaN Power Transistors	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	Benemérita Universidad Autónoma de Puebla	Mexico	Luis Felipe Gomez Rivera	luis.gomezriv@alumno.buap.mx		
		ONCON23-000258	Wind power model-based control strategies for green energy generation	TT05: Industrial Control Systems and Applications	Universidad de Costa Rica	Costa Rica	Mercedes Chacón Vázquez	machechv@gmail.com		
		ONCON23-000282	Automated Workstation for Lithium-ion Battery Cycling, Spectroscopy and Custom Profile for Cell Characterization	TT02: Power Systems, Renewable Energy, Energy Storage, and Smart Grids	Universidad de Chile	Chile	Bruno Masserano	bruno.masserano@ug.uchile.cl		
Time	12/10/2023 (Beijing)	Paper Session D310			Author's Affiliation	Country	Presenter		Chairs	

CST	10:30 PM-12:00 AM	ONCON23-000005	An Optical Artificial Skin for Pressure Point Localisation on Robotic Arm Links	TT06: Robotics, Autonomous Systems, and Mechatronics	Malta College of Arts, Science and Technology	Malta	Jeremy Scerri	jeremy.scerri@mcast.edu.mt	Luis Gomes	lugo@fct.unl.pt
CET	03:30 PM-05:00 PM	ONCON23-000029	Visualization of the outliers detected by the SLAMICP library	TT06: Robotics, Autonomous Systems, and Mechatronics	Universitat de Lleida	Spain	Ricard Bitrià	ricard.bitria@udl.cat	Danjeie Zhu	danjie@dal.ca
EST	09:30 AM-11:00 AM	ONCON23-000030	Simulator for omnidirectional robots equipped with 2D and 3D LiDAR sensors	TT06: Robotics, Autonomous Systems, and Mechatronics	Universitat de Lleida	Spain	Ricard Bitrià	ricard.bitria@udl.cat		
		ONCON23-000086	Deep Reinforcement Learning Based pushing and grasping model with Frequency domain mapping and Supervised learning	TT06: Robotics, Autonomous Systems, and Mechatronics	Swinburne University of Technology	Australia	Weiliang Cao	weiliangcao@swin.edu.au		
		ONCON23-000145	Improving Obstacle Avoidance Strategies in Autonomous Navigation of a Sailboat	TT06: Robotics, Autonomous Systems, and Mechatronics	NOVA University Lisbon	Portugal	Luis Gomes	lugo@ieee.org		
		ONCON23-000001	Nonlinear Model Predictive Control for Autonomous Underwater Vehicle Trajectory Tracking	TT06: Robotics, Autonomous Systems, and Mechatronics	Dalhousie University	Canada	Danjeie Zhu	danjie@dal.ca		
Time	12/10/2023 (Beijing)	Paper Session D311			Author's Affiliation	Country	Presenter		Chairs	
CST	10:30 PM-12:00 AM	ONCON23-000136	Implementation Strategies for Highly-accurate and Efficient Frame Synchronization Modules in Satellite Communication Receivers	TT08: Signal and Image Processing, Computational Intelligence	University of Pisa, Department of Information Engineering	Italy	Luca Crocetti	luca.crocetti@unipi.it		
CET	03:30 PM-05:00 PM	ONCON23-000270	Can the SHA-3 Algorithm be used for the Construction of Efficient and Robust Hardware Cryptographic Random Number Generators?	TT08: Signal and Image Processing, Computational Intelligence	University of Pisa, Department of Information Engineering	Italy	Luca Crocetti	luca.crocetti@unipi.it		
EST	09:30 AM-11:00 AM	ONCON23-000271	Implementation of a Hash-based Secure Core for Integrity and Authentication of Data in Space Applications on Space-grade FPGAs	TT08: Signal and Image Processing, Computational Intelligence	University of Pisa, Department of Information Engineering	Italy	Luca Crocetti	luca.crocetti@unipi.it		
		ONCON23-000071	Analysis of the peak and RMS current ratios in a dual active bridge converter with triangular modulation	TT04: Power Electronics, Energy Conversion and Transportation, and EVs	University of Warwick	United Kingdom	Olutayo Omotoso	olutayo.omotoso@warwick.ac.uk		
		ONCON23-000073	Analysis of the peak and RMS current ratios in a dual active bridge converter with trapezoidal current modulation		University of Warwick	United Kingdom	Olutayo Omotoso	olutayo.omotoso@warwick.ac.uk		
		ONCON23-000158	A Comparison Track of Bearingless Double U-core Switched Reluctance Machine considering 3 & 4 double u-cores	TT03: Electrical Machines and Drives	Aalborg University	Denmark	Fariba Shakibapour	fsh@liftra.dk		
Time	12/10/2023 (Beijing)	Paper Session D312			Author's Affiliation	Country	Presenter		Chairs	
CST	10:30 PM-12:00 AM	ONCON23-000167	Optimizing Transfer Efficiency in Multi-Cloud Storage Systems with Edge and Fog Computing	TT09: Industrial Informatics: Cloud Computing, Machine Learning, Big Data, AI, Informatics and Software Engineering	Data Science Institute, University of Galway	Ireland	Nitesh Bharot	nitesh.bharot@universityofgalway.ie		
CET	03:30 PM-05:00 PM	ONCON23-000225	Static and Dynamic Memory Protection using Type-Based Memory Layout in Rust		Lulea University of Technology	Sweden	Pawel Karol Dzialo	pawdzi-7@student.ltu.se		
EST	09:30 AM-11:00 AM	ONCON23-000007	MLPro-MPPS - A Versatile and Configurable Production Systems Simulator in Python	TT10: Intelligent Factory Automation	South Westphalia University of Applied Sciences	Germany	Steve Yuwono	yuwono.steve@fh-swf.de		
		ONCON23-000210	ENEST - Efficient Interrupt Nesting for RISC-V based CPUs	TT07: Instrumentation, Sensors, Actuators, Systems Integration and Nano-technologies	Lulea University of Technology	Sweden	Pawel Dzialo	pawdzi-7@student.ltu.se		
		ONCON23-000036	The use of geographic information systems data in single image super-resolution tasks	TT11: AI for Smart Cities, Buildings, Agriculture, Transportation, Energy Efficiency and Sustainability	Northern (Arctic) Federal University named after M.V. Lomonosov	Russian Federation	Ivan Sharshov	sharshov-ivan@yandex.ru		