MECO'2024 & CPSIoT'2024 PROGRAMME

Budva, Montenegro, 11-14 June 2024, Hotel Budva, Montenegro

General Schedule										
TIME/DAY-ROOM	TUES (11.06) - ROOM1	TUES(11.06)-ROOM2	TUES(11.06)-ROOM4	WED(12.06.)- ROOM1	WED(12.06.)-ROOM2	WED(12.06.)-ROOM4	THURS(13.06)- ROOM1	THURS(13.06.)-ROOM2	THURS(13.06.)-ROOM4	THURS(13.06.)-ROOM3
09_00 SESSION_00 (Opening) SESSION 03/Kounter(3)								3)	ss	
09_30 SESSION_01(Keynotes1)					SESSION_02(Keynotes2) SESSION_03(Keynotes3)				3)	33
10_30					BREAK					
11_00	SESSION_1 7	SESSION_2 8	SESSION_19 CO&IN DISS	SESSION_7 7	SESSION_8 8	SESSION_22 PRO DISS	SESSION_13 8	SESSION_14 7	SESSION_25	ss
13_00 LUNCH										
15_00	SESSION_3 7	SESSION_4 7	SESSION_20 CO&IN DISS	SESSION_9 7	SESSION_10 6	SESSION_23 PRO DISS	SESSION_15 7	SESSION_16 FREE	SESSION_26	ss
17_00 BREAK										
17_30	SESSION_5 7	SESSION_6 7	SESSION_21 6	SESSION_11 7	SESSION_12 7	SESSION_24 FREE	SESSION_17 ZID WORKSHOP	SESSION_18 FREE	SESSION_27	ss
21_00		DINNER		SOCIAL LIFE			CLOSING(20:00)			SOCIAL
Legend:	IN-VENUE	ON-LINE	PROJECTS / COMP/DISS	SS-Summer School	FREE SESSION	ZOOM LINKS	See at the end of Programme			



REGISTRATION: Monday (MON), 10 June, 18.00-20:00; Tuesday (TUES), 11 June, 07:45-08:45; Wednesday (WED), 12 June, 08:00-08:45

Detailed Schedule

TUES: 11.06.2024										
					IN-VENUE	ON-LINE	FREE SLOT			114
	THUES-ROOM1					1 (See at the end of Programs				
SESSION_0 (Opening)	TUES -ROOM1-09-00					Ministry of Science and Tech Radovan Stojanovic, General				
SESSION_K1 (Keynote1)	TUES -ROOM1-09-30 CHAIR: Mooney Vincent J	T.	arek El-Ghazawi, ECE Depai	tment, the George Washi	ngton University, USA, 1	The Future of Computing: Fro	m ExaFLOPS to Exotic P	rocessor Technologies		
BREAK	10:30				BRE	AK				
SESSION_1	TUES -ROOM1-11-00 Chairs: Chen Liu and Miroslav Hagara	Chen Liu, Florian Kelber, Bernhard Vogginger and Christian Mayr, CA- CFAR is Convolution: Fast Target Detection with Machine Learning Accelerator	George Dan Mois, Radu Etz, Teodora Sanislav and Silviu Cornellu Folea, Open Source in Embedded Systems Development	Yavuz Selim Taspinar and Ilkay Cinar, Distinguishing Between Al Images and Real Images with Hybrid Image Classification Methods	Miroslav Hagara, Alexander Satka, Peter Kubinec and Radovan Stojanovic, Vibration monitoring using sub- pixel edge localization	Zoran Loncarevic and Dragan Golubović, Improved Target Trajectory Reconstruction in HFSWRs Using a DBSCAN Clustering Algorithm	Dmytro Petryk, levgen Kabin, Peter Langendoerfer and Zoya Dyka, On the Importance of Reproducibility of Experimental Results Especially in the Domain of Security	Miroslav Kuzela, Tomas Fryza and Ondrej Zeleny, Using Computer Vision and Machine Learning for Efficient Parking Management: A Case Study		7
LUNCH	13:00				LUN					
SESSION3	TUES -ROOM1-15-00 Chairs: Yu-Ting Chiang and Djuradj Budimir	Guo-Hao Li, Yu-Ting Chiang and Chao Wang, Traffic-Aware Video Streaming Topology Reconfiguration for Smart City Applications	Moses Kasule and Djuradj Budimir, Nonlinear Distortion Analysis in Wireless Cellular 5G IoT Systems	Pierre-Louis Sixdenier, Stefan Wildermann and Jürgen Teich, GRES: Guaranteed Remaining Energy Scheduling of Energy-harvesting Sensors by Quality Adaptation	Cihan Ucar, Muharrem Maloku, Olga Yugay and Djuradj Budimir, IoT Motion Detection Sensors for Monitoring in a Smart Campus	Musa Doğan and İlker Ali Özkan, Automated Hair Segmentation in Dermoscopy Images with U-Net Based Approaches	Jan Körner, Samuel Bach, Albin Karlsson, Linus Sundkvist and Romaric Duvignau, Efficient Monitoring of CPS and IoT Systems: A Deployment Guide for Empirical Evaluations	Giuseppe Spadavecchia, Marco Fiore, Marina Mongiello and Daniela De Venuto, A Novel Approach for Fast and Secure Data Transmission using Blockchain and IoT		
DDEAK	17:00									7
BREAK	TUES -ROOM1-17-30	Marco Finocchiaro, Salvatore	Roberto Metere, Ricardo M.	Husam Kareem, Oliver	Husam Kareem and	AK Abdiaziz Abdi, Haiar	Zichao Shen, Jose	Avni Rustemi, Vladimir		
SESSION5	Chairs: Roberto Metere, Husam Kareem	Monteleone, Enrico Russo, Maurizio Palesi and Davide Patti, Lessons Learned on the Design of Cost-Effective and Highly Compatible Smart Gloves	Czekster and Luca Arnaboldi, Enhancing Expressiveness in Stochastic Modelling of Cyber-Physical Systems	Krammer and Dmitriy Dunaev, Assessing Temperature Sensitivity and Ring Oscillator Count Impact on Configurable Ring Oscillator PUF Performance	Dmitriy Dunaev, Assessing Security and Performance: Varying	Bennouri and Anthony Keane,		Atanasovski, Aleksandar Risteski, Florim Idrizi and Valentina Angelkoska, Theoretical Approach Of Implementing Blockchain And Artificial Intelligence For Diploma Verification		7
SOCIAL	21:00		CONFERENCE DINNER							
	THUES-ROOM2			ZOOM LIN	K THUES (11.06) ROOM	2 (See at the end of Program	ne)			
SESSION2	TUES -ROOM2-11-00 Chairs: Ran Guo, Robert Kunzelmann	Kilian Le Gall, Laurent Lemarchand and Catherine Dezan, Online USV Re-planning with Embedded Pareto Sets	Jakub Zahradnik, Martin Danhel and Hana Kubatova, Integration of PXROS-HR with Micro-ROS in Robotic Systems	Jordan Kralev, Asparuh Markovski and Tsonyo Slavov, Design of mu-PD Glucose Regulation for Type I Diabetes Mellitus	Jan Onderka, Formal Verification of Machine- Code Systems by Translation of Simulable Descriptions	Ran Guo, Eric Dekneuvel,	Michael Schirmer, David	Saruni Fernando, Robert Kunzelmann, Daniela Sánchez Lopera, Jad Al Halabi and Wolfgang Ecker, Leveraging Large Language Models for the Automated Documentation of Hardware Designs		7
LUNCH	13:00				LUN	СН				,

SESSION4	TUES -ROOM2-15-00 Chairs: Jordan Kralev, Miroslav Lutovac	Marija Džaković, Igor Jovančević, Velibor Došljak and Jean-José Orteu, Defect Characterization on Complex Shape Aeronautical Parts via 3D Point Cloud Processing	Matija Šuković and Igor Jovančević, Collaborative real-time vision-based device for olive oil production monitoring	Triyas Ghosh, Soumyajit Gayen, Sourajit Maity, Daria Valenkova and Ram Sarkar, A Feature Fusion based Custom Deep Learning Model for Vehicle Make and Model Recognition	Jose Luis Cano Garcia, Izuchukwu Patrick Udechukwu, Isiaq Bolaji Ibrahim, Ikechukwu John Chukwu, Hasan Dag, Vesna Dimittova and Elissa, Securing Al Systems: A Comprehensive Overview of Cryptographic Techniques for Enhanced Confidentiality and Integrity	Jordan Kralev, Asparuh Markovski and Tsonyo Slavov,Comparison of Robust mu-Controllers for Type I Diabetes Mellitus	Luigi Pomante, Marco Santic, Umberto Fazio and Luca Fucci, Wheelchair embedded device for road surface classification and obstacles detection	Miroslav Lutovac and Maja Lutovac-Banduka, Multiplierless Neural Networks for Deep Learning		
BREAK	17:00				BREA	AK				7
SESSION6	CHAIRS: Murat Kuzlu, Miroslav Skrbek	Mohammed Ba Humaish, Tarek Refaat, Hassanein Amer and Betim Cico, QoE Fairness and Resilience Strategies for Access Point Failures in Smart Greenhouses	Asep Andi Suryandi, Paul Tuohy, Sinisa Durovic and Steven Jordan, FBG-SMC Magnetic Flux Sensor Material Volume Fraction Study for Healthy and Demagnetized	Nelum Andalib and Mennan Selimi, Exploring Local and Cloud-Based Training Use Cases for Embedded Machine Learning	Alireza Khalilipour, Andres Benito, Bieke Decraemer, Alexander De Cock, Baris Tekin Tezel, Fatma Bozyigit and Moharram Challenger, Model-	Igor Dugonjic, Mirko Sajic, Dusanka Bundalo, Zlatko Bundalo, Adnan Ramakic, Zeljko Vidovic and Luka Sajic, Digitalization and Automation of Teller/Counter Services Using Embedded Self-Service Digital	Neural Network with Linearly Approximated	Gokcen Ozdemir, Umut Ozdemir, Murat Kuzlu and Ferhat Ozgur Catak, A Benchmark for ML- based Solar Power Generation Forecasting Models		7
SOCIAL	21:00				CONFERENC	E DINNER				
	THUES-ROOM4	O and a single and be stift time.	aucos.			(See at the end of Programm				
SESSION19	TUES -ROOM4-11-00 Chairs: Vladan Tabas, Danko Milic	Companies and Institutions Dissemination	CIKOM	COINIS	ELKON	SIMES	Innovation Fund of Montenegro			
LUNCH	13:00				LUNG					
SESSION20	TUES -ROOM4-15-00 Chairs: Vladan Tabas, Danko Milic	Companies and Institutions Dissemination	CIKOM	COINIS	ELKON	SIMES	Innovation Fund of Montenegro			
BREAK	17:00	BREAK								
SESSION21	CHAIRS: Alla Levina, Dmitri Kaplun	Elliptic Curve Cryptography on Constrained Devices: A Comparative Study of Point Multiplication Methods	Natalia Kopylova, The Use of Electronic Educational Environments in the Process of Teaching Students at a Technical University	Vyacheslav Gulvanskii, Maxim Minenko, Georgii Gavrilov, Lev Bratchenko, Oleg Zhavoronkov and Dmitrii Kaplun, Using Shape from Polarization to Determine the 3D Surface of Objects with Thermal Radiation	Alexander Parshin and Maxim Grachev, Capacity Estimation for a MIMO Communication Channel in Presence of Noise Complex	Alla Levina and Andrei Semenov, Jump-based backup: An efficient data backup	Yury Parshin and Maxim Grachev, Communication System's Channel Capacity in Inhomogeneous Continuums with a Given Spatial Structure	Kai Lehniger, Shuba Pradha Raghunathan and Peter Langendoerfer, WindowGuardian: Return Address Integrity for ESP32 Microcontrollers with Xtensa Processors using AES and Register Windows		7
SOCIAL	21:00				CONFERENC	E DINNER				

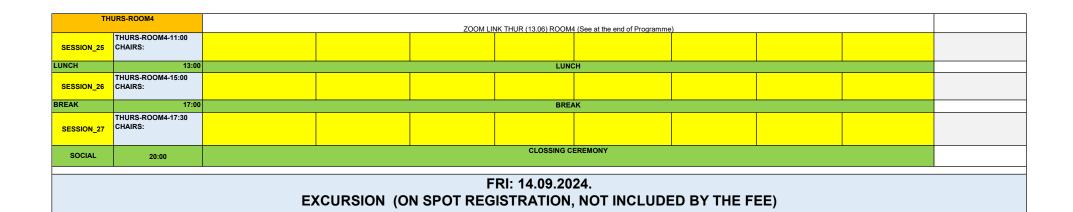
WED: 12.06.2024.

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SESSION_10		Reza Jafari, Pouria Sarhadi, Amin Paykani, Shady S. Refaat and Pedram Asef, Optimal torque allocation for all- wheel-drive electric vehicles using a reinforcement learning algorithm	Jelena Gjorgjev, Nexhibe Sejfuli-Ramadani, Valentina Angelkoska, Pero Latkoski and Aleksandar Risteski, Use Cases and Comparative Analysis of Blockchain Networks and Layers for DApp Development	Salah Eddine Elgharbi, Messaoud Ait Yahia and Samir Ouchani, Online Phishing Detection: A Heuristic- Based Machine Learning Framework	Saba Akbari, Thiemo Voigt, Rishi Sudhan Venkata Subramanian and Weining Song, Development of Energy Autonomous Wearable Sensor Node for Oxygen Monitoring in Underground Tunnels		Hana Krichene and Rohit Prasad, A dataflow architecture with distributed control for DNN acceleration		6
BREAK	17:00				BREA				
SESSION_12	Bielefeldt, Abdiaziz Abdi	Anxhela Gjecka and Majlinda Fetaji, Particle Swarm Optimization- Based Artificial Neural Network for Prediction of Thyroid Disease	Abdullah Havolli and Majlinda Fetaji, A Comparative Analysis of MLR, SVR, and KNN for Improving Quality of Service in Next Generation Network via Machine Learning Regression	Hafsa Laçi and Kozeta Sevrani, Preserving privacy in medical images while still enabling Al-driven research: A comprehensive review	processing of rectangular determinant calculation	Students Views, Career Outlooks, and Interest in IT Fields	Abdiaziz Abdi, Hajar Bennouri and Anthony Keane, Emerging Cyber Risks & Threats in Healthcare Systems: A Case Study in Resilient Cybersecurity	Jens Bielefeldt and Hans- Werner Wiesbrock, DeepTest: Using Machine Learning for Generating new Testsequences	7
SOCIAL	21:00				SOCI	AL			
W	ED-ROOM4			ZOOM L	INK WED (12.06) ROOM4	(See at the end of Programme	e)		
SESSION_22	WED-ROOM4-11:00 CHAIRS:	Projects Dissemination	PELMOB	IoT ECO	MariCybERA	ARCA	Exploring green energy transition potential in Montenegrin transport system		
LUNCH	13:00								
SESSION_23	WED-ROOM4-15:00 CHAIRS:	Projects Dissemination	PELMOB	IoT ECO	MariCybERA	ARCA	Exploring green energy transition potential in Montenegrin transport system		
BREAK	17:00								
SESSION_24	WED-ROOM4-17:30 CHAIRS:								
	21:00				SOCI	AL			

THI	IRS:	13 (16.2	2024.
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TI	HURS-ROOM1			ZOOM LI	NK THUR (13.06) ROOM	1 (See at the end of Programme	e)			
SESSION3	THURS-ROOM1-09:00		Rainer Leupers, F			sign Technologies and HW Se		o Industry		
(Keynote3)	CHAIR: Radovan									
	Stojanovic									
BREAK	10:30				BRE	AK				
	THURS-ROOM1-11:00	Igor Astrov and Sanja Bauk,	Christos Pergamalis,	Alma Golgota, Securing	Edin Šemić, Emir	Semir Mehremić, Safet Isić	Branimir Jaksic, Jelena	Mirjana Maksimović,	Gordana Lastovicka-Medin and	
	CHAIRS: Nebojsa Arsic,	Simulating a cyber-attack on an autonomous sea surface vessel's	Eleftherios Tsampasis, Ioannis-Christos Dedes and	Durres Port's Digital Transformation:	Nezirić and Samir Vojić,Calibration of a	and Ermin Husak, Development of embedded	Todorovic, Nebojsa Arsic, Aleksandra Petrovic and	Marko Bošković, Tomislav Šekara and	Mateusz Rebarz, Interpixel Charge Dynamics	
	Sanja Bauk	rudder controller	Charalambos Elias,	Cybersecurity Strategy	Single Axis Solar	system for active pendulum	Vladimir Maksimovic,	Budimir Lutovac,	in Trench-Isolated Si-Based	
			Hydrogen Fuel Cell	for Maritime Industry	Tracking Mechanism	tuned mass damper	Performance of the FSO	Exploring Automation	Sensors	
SESSION 13			Electrical Vehicles (FCEV) - Battery Electric Vehicles				System Modeled with Gamma - Chi-square	Frontiers with the Industrial Metaverse:		
3E33ION_13			(BEV) - Comparison and				Distribution and DPSK	Potential Benefits and		
			Future Challenges				and BPSK Modulation	Challenges		
							Scheme			
LUNCH	13:00				LUN	CH				8
LUNCH	THURS-ROOM1-15:00	Marco Caccamo and Daniele	Milan Stork, Energy	Damjan Pecioski, Dejan	Leonardo Guiducci,	Illir Keka and Betim Cico,	Milica Sošić and Martin	Velimir Corovic, Velibor		
	CHAIRS: Andrej	Bernardini, Service Class Based	Representation of Some	Shishkovski, Anastasija	Giulia Palma and	The Pattern and Visualization	Ćalasan, Calculations of	Dosljak, Andrej		
	Mihailovic, Daniele	Management Framework for	Systems Described by	Angjusheva Ignjatovska,	Antonio Rizzo,	Detection of the Load Profile	Shortening the Lifespan	Mihailovic, Milos Jelovac,		
	Bernandini	Photovoltaic Self-Consumption	Ordinary Differential Equations	Simona Domazetovska Markovska and Viktor	Optimizing Energy Efficiency in Smart	Data Based on Bootstrap Approach	of Distribution Transformer Under	Milica Muhadinovic, Petar Raicevic, Andrei		
			'	Gavriloski, Modeling and	Factories: Battery	''	Nonlinear Operating	Bracanovic and Igor		
SESSION_15				simulation of an electromagnetic energy	Energy Storage Systems Integration		Conditions	Milosevic, Towards a Comprehensive Model for		
				harvesting system	Analysis			Objectivesdriven		
								Regional Distributions of Electric Vehicle		
								Electric Vehicle		
BREAK	17:00				PDE	A L				7
DICEAR	THURS-ROOM1-17:30		BREAK ZID'S WORKSHOP (Exploring green energy transition potential in Montenegrín transport system)							
SESSION 17	CHAIRS: Andrej			ZID 3 WORKSHOF (EX	pioning green energy trans	stion potential in Montenegrin ti	ansport system)			
SESSION_17	Mihailovic									
SOCIAL	20:00				CLOSSING C	EREMONY				
	HURS-ROOM2			700M L	NK THUR (13 06) POOM	2 (See at the end of Programme	۵)			
-	THURS-ROOM2-11:00	Alberto Galassi, Luigi Pomante	Zoya Dyka, levgen Kabin,	Vyacheslav Gulvanskii,	Dmitrii Minenkov,	Ferhat Ozgur Catak and	Bojan Cavric, Drazen	Dragana Prokin and Milan		
	CHAIRS: Milan Prokin,	and Vitaliano Nardocci, Application		Maxim Minenko, Georgii	Alexander	Murat Kuzlu, A Federated	Jurisic and Budimir	Prokin, Advanced Battery	Prokin, Regenerative	
	Drazen Jurisic	of a system-level HW/SW co- design methodology to an	Panic, Cristiano Calligaro, Milos Krstic and Peter, On	Gavrilov, Lev Bratchenko, Zhirong	Voznesensky, Dianhui Wang and Dmitrii	Adversarial Learning Approach for Robust	Lutovac, Low Power and High Frequency	Management System	Braking For Fuel Cell Powertrain	
		industrial embedded system	the Influence of Cell	Shen and Dmitrii Kaplun,	Kaplun, Effective	Spectrum Sensing	Optimised CCIIs for			
SESSION_14			Libraries and Other Parameters to SCA	Calibration Algorithm for a 3D Scanner Based on	Hardware Implementation of		Constant Phase Elements			
02001011_14			Resistance of Crypto IP	2D Lidar and Visible Light						
			Cores	Cameras	Sequences					
LUNCH	13:00				LUN	СН				8
	THURS-ROOM2-15:00									
05001011 40	CHAIRS:	5555	FREE	FREE	FREE	FREE	FREE	FREE	FREE	
SESSION_16		FREE	TINCE	I NEE	TINEE	TREE	INCE	TREE	TINCE	
BREAK	17:00				BRE	AK				
	THURS-ROOM2-17:30									
SESSION_18	CHAIRS:	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	
SOCIAL	20:00				CLOSSING C	EREMONY				
JUCIAL	20:00									



ZOOM LIN	IKS:
ROOM1:	https://us02web.zoom.us/j/3740228367?pwd=apUoFPE7vPLfazootLvtgl1s9qQMKV.1
ROOM2:	https://us05web.zoom.us/j/7621096592?pwd=UOjxvfkkbxqA46Y65LKnScHcxoaZtg.1
ROOM4:	https://us04web.zoom.us/j/8702896180?pwd=uJvGVPTI7RzrXY6nTd7lCezkY2BWAz.1
ROOM3: SS Summer School	https://us06web.zoom.us/j/8342653096?pwd=ZUFOaHppdXVkc1IWRDNTSnNIYmF4UT09

NOTE:	
For details on programme and registration visit	https://mecoconference.me/programme/#logom
Contact via Viber	tps://invite.viber.com/?g2=AQAnmL%2F3aZ6SgFK4eVFIYO%2B1y3SC50MzAc08M7559Gt2BbUAAE.j1EoiiMRQCZf
Contact via Wup	https://chat.whatsapp.com/Dfwz7xJdOKl5OlHtQqjjG6
Other info	info@mecoconference.me +38267577057 (Conference phone - urgent issues) Conference taxi: https://www.royaltaxi.me/ +382 67 019 702 info@royaltaxi.me 42.28311848652398, 18.838384938890286 (Venue coordinates)



CPS&IoT'2024 Summer School on Cyber-Physical Systems and Internet-of-Things Budva, Montenegro, June 11-14, 2024, ROOM3 (SS)

Schedule (in-venue and on-line)

REGISTRATION: Monday (MON), 10 June, 18.00-20:00; Tuesday (TUES), 11 June, 07:45-08:45; Wednesday (WED), 12 June, 08:00-08:45

Day 1, Tuesday 11 June:

09:00-09:15 Event Chairs and Special Guests

Title: Opening Ceremony of the CPS&IoT'2024 Summer School, and MECO'2024 and CPS&IoT'2024 Conferences

09:30-10:30 Tarek El-Ghazawi, George Washington University, US

Keynote: The Future of Computing: From ExaFLOPS to Exotic Processor Technologies

10.30-11.00 Break

Title:

Title:

Introduction to the CPS&IoT'2024 Summer School

11.00-13.00 Lech Jóźwiak, TU/e, NL

Title: Green CPS and IoT for Green World

13.00-15.00 Lunch Break

Quality-driven Design of Cyber-Physical Systems

15.00-17.00 Nikhil Gaikwad and Sokol Kosta, Aalborg University, DK and Ralf Lübben, Flensburg Univ. of Appl. Sciences, DE

Title: GPU virtualization service for AI at the Edge

17.00-17.30 Break

17.30-19.30 Francesco Ratto, Federico Manca and Claudio Rubattu, UNISS, IT

Adaptive CNN execution on Edge FPGAs

21.00 **Dinner**

Day 2, Wednesday 12 June:

09.00-10.30 Nabil Abdennadher, Univ. of Applied Sciences, West. Switzerland, CH

Title: Keynote: Towards a Distributed Continuum Computing Platform for Federated Learning Based Self-Adaptive

IoT Applications

10.30-11.00 Break

11.00-13.00 Alberto Marchisio and Muhammad Shafique, New York University Abu Dhabi, UAE

Fitle: Energy-Efficient and Robust Deep Learning for Autonomous Systems

13.00-14.00 Lunch Break

14.00-17.00 Nabil Abdennadher

Distributed Cloud Continuum Platform for Federated Learning Based Self-Adaptive IoT Applications

(hands-on and demo tutorial)

17.00-17.30 Break

17.30-18.30 Alberto Marchisio and Muhammad Shafique, New York University Abu Dhabi, UAE

Title: Design Space Exploration of Efficient Quantum Machine Learning Systems

Day 3, Thursday 13 June:

09.00-10.30 Rainer Leupers, RWTH Aachen, DE

Title: Keynote: Multicore Design Technologies and HW Security - From Academia to Industry

10.30-11.00 Break

11.00-13.30 Rakshit Mittal and Hans Vangheluwe, University of Antwerp, **BE** and Rizwan Parveen, Telecom Paris, **FR Title**: Modeling a Cruise-Control System Using Open Modelica and Verifying Safety Requirements using UPPAAL

(hands-on tutorial)

13.30-14.30 Lunch Break

14.30-17.00 Dominique Blouin, Telecom Paris, and Anish Bhobe, Institut Polytechnique de Paris, FR

Fitle: Modeling and Synthesizing a Cruise-Control System with AADL using RAMSES (hands-on tutorial)

17.00-17.30 Break

17.30-19.00 Samir Ouchani, CESI, FR

Title: Smart CPS: Ensuring Trustworthiness in Autonomous Decisions through Formal Methods

Day 4, Friday 14 June: (The Break will be within presentations)

09.00-10.30 Christoph Schmittner, AIT, AT

Title: Cyber-Physical System Security: Automated Risk Management with ThreatGet

10.30-12.00 Morayo Adedjouma and Luis Palacios, CEA, FR

Title: Trustworthy Design and V&V of Al-based systems: Case of a Drone Application (includes demo and hands-on)

12.00-13.00 Lunch Break

13.00-14.30 Zakaria Chihani, CEA, FR

Title: Trustworthy AI: methods and tools

14.30-16.30 Andrej Škraba, University of Maribor, **SI Title**: Overview of Several CPS&IoT Prototypes

16.30-18.30 Radovan Stojanovic, University of Montenegro and MECOnet, ME

Title: An appendix to the design of usable and low-cost nodes for biomedical applications

18.30-19.00 Closing of the CPS&IoT'2024 Summer School

+ Free participation in sessions of the CPS&IoT'2024 Conference and MECO'2024 Conference

Summer School participants are expected to come with their own laptops. Internet access will be guaranteed.

Day 5, Saturday 15 June: Excursion possible (excursion fee is not included in the summer school fee)

ZOOM LINK:

https://us06web.zoom.us/j/8342653096?pwd=ZUFOaHppdXVkc1IWRDNTSnNIYmF4UT09

More:

https://mecoconference.me/ss-cpsiot2024/