Detailed Program

December 4, 2023

Time (GMT+1)	Program	Room 1	Room 2
8.00 - 9.15	Registration		
9.15 - 9.30	Welcome		
9.30 - 10.30	Paper Session	Bridging the Chasm Between Ideal and Realistic Federated Learning: A Measurements Study - *Hend Gedawy, Khaled Harras, Temoor Tanveer and Thang Bui*	Depot: Dependency-Eager Platform of Transformations - *Kerem Celik, Samridhi Maheshwari, Shereen Elsayed, Markus Mock, Chandra Krintz and Rich Wolski*
		SAGE - A Tool for Optimal Deployments in Kubernetes Clusters - *Vlad-Ioan Luca and Madalina Erascu*	Experimental analysis of microservices architectures for hosting cloud-based Massive Multiplayer Online Role-Playing Game (MMORPG) - *Marlon Schweigert, Diego Oliveira, Charles Miers, Guilherme Koslovski and Maurício Pillon*
10.30 - 11.00	Coffee Break		
11.00 - 12.30	Paper Session	GSLAC: GPU Software Level Access Control for Information Isolation on Cloud Platforms - *Chia Chang Li, Po Cheng Wu and Che Rung Lee*	Introducing TinyKVM for High-Performance CDN Edge Services - *Alf-Andre Walla and Paal Engelstad*
		A Lightweight Routing Layer Using a Reliable Link-Layer Protocol - *Qianfeng Shen and Paul Chow*	A Load Balancing Algorithm For Long-Life Green Edge Systems - *Roberto Beraldi and Gabriele Proietti Mattia*
		MScheduler: Leveraging Spot Instances for High-Performance Reservoir Simulation in the Cloud - *Felipe Portella, Paulo Estrela, Renzo Malini, Luan Teylo, Josep Berral and Lúcia Drummond*	Energy-Efficient Offloading in Edge Slicing with Non-Linear Power Functions - *Jiahe Xu, Jing Fu, Jingjin Wu and Moshe Zukerman*
12.30 - 14.00	Lunch break		

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14.00 - 15.30	Paper Session	Can Software Containerisation Fit The Car OnBoard Systems ? - *David Fernandez Blanco, Frédéric Le Mouël, Trista Lin and Amir Rekik*	Energy-Aware Streaming Analytics Job Scheduling for Edge Computing - *Demetris Trihinas, Moysis Symeonides, Joanna Georgiou, George Pallis and Marios Dikaiakos*
		Enhanced Runtime-Adaptable Routing for Serverless Functions based on Performance and Cost Tradeoffs in Hybrid Cloud Settings - *Georgios Fatouros, George Kousiouris, Georgios Makridis, John Soldatos, Michael Filippakis and Dimosthenis Kyriazis*	Peer-to-Peer Approach for Edge Computing Services - *Muhammad Anjum Malik, Stephan Recker and Tobias Pleuger*
		PuppetStack: A tool for deploying high-availability private cloud infrastructure - Fabrizio Messina, Miriana Russo, *Corrado Santoro, Federico Fausto Santoro and Salvatore Riccobene*	Traditional vs Federated Learning with Deep Autoencoders: a Study in IoT Intrusion Detection - *Marta Catillo, Antonio Pecchia and Umberto Villano*
15.30 - 15.50	Coffee Break		
15.50 - 17.20	Tutorial		

December 5, 2023

Time (GMT+1)	Program	Room 1	Room 2
9.30 - 10.30	Keynote		
10.30 - 11.00	Coffee Break		
11.00 - 12.30	Paper session	HCoop: A Cooperative and Hybrid Resource Scheduling for Heterogeneous Jobs in Clouds - *Jinwei Liu, Rui Gong, Wei Dai, Wei Zheng, Ying Mao and Wei Zhou*	A Flexible Trust Manager for Remote Attestation in Heterogeneous Critical Infrastructures - *Enrico Bravi, Diana Gratiela Berbecaru and Antonio Lioy*
		OSµS: An Open-Source Microservice Prototyping	Lightweight Cloud Application Sandboxing - *Marco Abbadini, Michele Beretta, Dario Facchinetti,*

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		Platform - *Lamees Al Qassem, Thanos Stouraitis, Ernesto Damiani and Ibrahim Elfadel*	*Gianluca Oldani, Matthew Rossi and Stefano Paraboschi*
		Inverse Response Time Ratio Scheduler: Optimizing Throughput and Response Time for Serverless Computing - *Mina Morcos and Ibrahim Matta*	Triad: Trusted Timestamps in Untrusted Environments - *Gabriel Fernandez, Andrey Brito and Christof Fetzer*
12.30 - 14.00	Lunch break		
14.00 - 15.30	Paper session	Performance analysis of the Raft consensus algorithm on Hyperledger Fabric and Ethereum on cloud - *João H. F. Battisti, Vitor E. Batista, Guilherme P. Koslovski, Maurício A. Pillon, Charles C. Miers, Marco A. Marques, Marcos A. Simplício Jr. and Diego Kreutz*	The Flaw Within: Identifying CVSS Score Discrepancies in the NVD - *Siqi Zhang, Minjie Cai, Mengyuan Zhang, Lianying Zhao and Xavier de Carné de Carnavalet*
		Enabling 5G QoS configuration capabilities for IoT applications on container orchestration platform - *Yu Liu and Aitor Hernandez Herranz*	Decentralised Authentication in Microservice Architectures with SSI and DID in Blockchain - *Biagio Boi and Christian Esposito*
		Cost-optimized scheduling for Microservices in Kubernetes - *Sugunakumar Arunan, Gayashan Amarasinghe and Indika Perera*	Enabling Trusted TEE-as-a-Service Models with Privacy Preserving Automatons - *Matt Ficke, Arne Hollum, Giovanni Mazzeo, Bala Subramanyan and Darshan Vaydia*
15.30 - 15.50	Coffee Break		
15.50 - 17.20	Paper session	Increasing Robustness of Blockchain Peer-to-Peer Networks with Alternative Peer Initialization - *Bernadet Klein Wassink and Zhiming Zhao*	CloudScent: a model for code smell analysis in open-source cloud - Asif Imran, Raj Shah, Sameer Ahmed Mohamed and Tevfik Kosar
		Decoding NFT Market Dynamics with Data - *Smruti Inamdar and Zhiming Zhao*	Recommendation engine for optimal Spark delta tables partitioning - *Rui Esteves, Håvard Jacobsen and Ola Flotve*

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		Flexible and Secure Code Deployment in Federated Learning using Large Language Models: Prompt Engineering to Enhance Malicious Code Detection - *Jungwon Seo, Nan Zhang and Chunming Rong*	Undoing CRDT Operations Automatically - *Provakar Mondal and Eli Tilevich*
			Addressing Serverless Computing Vendor Lock-In through Cloud Service Abstraction - *Di Mo, Robert Cordingly, Donald Chinn and Wes Lloyd*
19.30	Social Dinner		

December 6, 2023

Time (GMT+1)	Program	Room 1	Room 2
	Paper Session	Workshop Keynote	Enhancing Mobile Privacy and Security: A Face Skin Patch-Based Anti-Spoofing Approach
9.00 - 10.30		Ensuring End-to-End Security in Computing Continuum Exploiting Physical Unclonable Functions - *Daniele Lombardi, Mario Barbareschi and Valentina Casola.*	A Blockchain-based Online Trading Platform: TrustTrade - *Guang Yang, Lorena-Alina Alexandru and Marius Storheim*
		An Evaluation of Transformer Models for Early Intrusion Detection - *Md Mahbub Islam, Tanwir Ahmad and Dragos Truscan.*	Semi-Automatic PenTest Methodology based on Threat-Model: The IoT Brick Case Study - *Gennaro Pio Rimoli, Daniele Granata and Massimo Ficco*
10.30 - 11.00	Coffee Break		
11.00 - 12.30	Paper Session	5G SUCI Catcher: Attack and Detection - *Lorens Barraud, Francesco Caccavale, Jean-*	

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		Baptiste Peyrat, Wissam Mallouli, Véronique Capdevielle, Hicham Khalife and Ana Rosa Cavalli.	
		Testing techniques to assess impact and cascading effects - *Valeria Valdés Ríos, Ana Rosa Cavalli, Fatiha Zaidi and Wissam Mallouli.*	
		Towards trustworthy AI: Security risk assessment methodology for Artificial Intelligence systems - *Eider Iturbe, Erkuden Rios and Nerea Toledo.*	
		Towards Smarter Security Orchestration and Automatic Response for CPS and IoT - *Phu Nguyen, Rustem Dautov, Hui Song, Angel Rego, Eider Iturbe, Erkuden Rios, Diego Sagasti, Gonzalo Nicolas, Valeria Valdés, Wissam Mallouli, Ana Cavalli and Nicolas Ferry.*	
12.30 - 14.00	Lunch break		
14.00 - 15.30	Paper Session	Design and Implementation of Web3-Based E-Commerce Cryptocurrency Payment System - *Seungseok Lee and Sangjoon Lee.*	
		Surveying Cyber Threat Intelligence and Collaboration: A Concise Analysis of Current Landscape and Trends - Panagiotis Radoglou-Grammatikis, Elisavet Kioseoglou, Dimitrios Asimopoulos, Miltiadis Siavvas, Ioannis Nanos, Thomas Lagkas, Vasileios Argyriou, Konstantinos Psannis, Sotirios Goudos and Panagiotis Sarigiannidis.	

Time (GMT+1)	Program	Room 1	Room 2
		Detecting Security Requirements in GitHub Issues - *Polina Minina, Andrey Sadovykh and Vladimir Ivanov.*	
		Software Bill of Materials in Critical Infrastructure - *Lars Andreassen Jaatun, Silje Marie Sørlien, Ravishankar Borgaonkar, Steve Taylor and Martin Gilje Jaatun.*	