Detailed Program

December 4, 2023

Time (GMT+1)	Program	Room 1	Room 2	
8.00 - 9.15	Registration			
9.15 - 9.30	Welcome			
	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	
9.30 - 10.30		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			
	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 - <i>Alf-Andre Walla and Paal</i> <i>Engelstad</i>	
11.00 - 12.30		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	
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	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
14.00 - 15.30		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 - Yu Liu and Aitor Hernandez Herranz
		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 - <i>Mina</i> <i>Morcos and Ibrahim Matta</i>	Triad: Trusted Timestamps in Untrusted Environments - Gabriel Fernandez, Andrey Brito and Christof Fetzer
12.30 - 14.00	Lunch break		
	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
14.00 - 15.30		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		
	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
15.50 - 17.20		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
		Flexible and Secure Code Deployment in Federated Learning using Large Language	Undoing CRDT Operations Automatically - Provakar Mondal and Eli Tilevich

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		Models: Prompt Engineering to Enhance Malicious Code Detection - Jungwon Seo, Nan Zhang and Chunming Rong	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-Baptiste Peyrat, Wissam Mallouli, Véronique Capdevielle, Hicham Khalife and Ana Rosa Cavalli.	

Time (GMT+1)	Program	Room 1	Room 2
		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		
	Paper Session	Design and Implementation of Web3-Based E-Commerce Cryptocurrency Payment System - Seungseok Lee and Sangjoon Lee.	
14.00 - 15.30		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.	
		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.	