

MCSS – Multimedia Communications, Services and Security - 2022

Conference Program, 3-4 November 2022

Day 1: Thursday, 3 November 2022 – Kraków, AGH, Building B9 (Teleinformatyka)		
10:30-11:00	Registration	
11:00-12:30	Conference Opening and Keynote Speakers Prof. Miroslav Voznak - A QoS Perspective in Quantum Key Distribution Networks Prof. Wim Mees - EU strategic autonomy in cyberspace Izabela Albrycht – DIANA - a Triple Helix Model of Innovation to Empower NATO's Technological Edge	
12:30-14:00	Lunch	
FIRST SESSION		
14:00-14:20	Secrecy Performance of Scenario with Multiple Antennas in Cooperative Satellite Networks	<i>Nguyen Hong-Nhu, Miroslav Voznak, Nguyen Nhat Tien</i>
14:20-14:40	Attack Detection in SS7	<i>Charles Beumier, Thibault Debatty</i>
14:40-15:00	Sector-specific Training - A Federated Maritime Scenario	<i>Paloma de la Vallee, Georgios Iosifidis, Andrea Rossi, Marco Dri, Wim Mees</i>
15:00-15:20	E-Skills in Cybersecurity	<i>Harri Ruoslahti, Ilkka Tikanmäki</i>
15:20-15:40	AI Cybersecurity Assurance for Autonomous Transport Systems: Scenario, Model, and IMECA-based Analysis	<i>Vyacheslav Kharchenko, Oleg Illiashenko, Herman Fesenko, Ievgen Babeshko</i>
17.30	Krakow Sightseeing	
19:00-21:00	Dinner	

Day 2: Friday, 4 November 2022 – Kielce, WSTKT University of Computer Science and Telecommunications			
8:30-10:30	Departure from Krakow to Kielce – Meeting point at the entrance to B-9 building (Teleinformatyka), AGH University of Science and Technology		
10:30-11:00	Welcome Coffee		
SECOND SESSION			
11:00-11:20	Multi-Sector Risk Management Framework for Analysis	<i>Marcin Niemiec, Salvatore Marco Pappalardo, Maya Bozhilova, Nikolai Stoianov, Andrzej Dziech, Burkhard Stiller</i>	Posters and Demonstrations
11:20-11:40	Cybersecurity Challenges and Opportunities		
11:20-11:40	Approach to sector-specific Cybersecurity Certifications Schemes: Key Elements and Security Problem Definition	<i>Consuelo Colabuono, et al.</i>	
11:40-12:00	Technology and Police: a way to create predicting policing	<i>Abel Gonzalez-Garcia, Luis Angel Galindo</i>	
12:00-12:20	Impact of nonbinary input vectors on security of Tree Parity Machine	<i>Milosz Stypinski, Marcin Niemiec</i>	
12:20-13:20	Lunch		
THIRD SESSION			
13:20-13:40	BCI: Technologies and Applications Review and Toolkit Proposal	<i>Tânia Rocha, Diana Carvalho, Pedro Letra, Arsénio Reis, João Barroso</i>	Posters and Demonstrations
13:40-14:00	Clustering-based Filtering of Big Data to improve Forecasting Effectiveness and Efficiency	<i>Tiago Pinto, Tânia Rocha, Arsénio Reis, Zita Vale</i>	
14:00-14:20	Integration of Image Analysis Component with Industrial Workflow Management System	<i>Piotr Kadłuczka, et al.</i>	
14:20-14:40	Method for Assessing Objective Video Quality for Automatic License Plate Recognition Tasks	<i>Mikołaj Leszczuk, Lucjan Janowski, Jakub Nawala, Atanas Boev</i>	
14:40-15:00	Coffee break		
15:00-15:45	Panel discussion		
15:45-15:00	Conference Closing		
15:00-17:00	Visiting the 17th-century palace in Kielce		
17:00	Dinner		
19:15	Departure from Kielce to Krakow (arrival at 21:00 approx.)		