

	Monday	Tuesday	Wednesday
9:00			
9:15	Welcome Philipp Reinecke		
9:30	Keynote: Edgar Weippl	Keynote: Surya Nepal Introduction: Omer Rana	Keynote: Atilla Elci
9:45	Distributed Ledger Technology, Blockchain & Crypto Currencies - Hype & an Opportunity for Interdisciplinary Research	Building Trustworthy IoT-Cloud Data Lifecycle	Unavoidable Rise of the Blockchain: But, How Far?
10:00			
10:15			
10:30	Coffee Break	Coffee Break	Coffee Break
10:45			(Shorter by 5 minutes)
11:00	Session I: Cyber-Physical Systems 1 Session Chair: Naghmeh Moradpoor N. Moradpoor, M. Rafiq, F. Semedo: Vulnerability Assessment of Objective Function of RPL Protocol for Internet of Things	Session IV: Cryptography I Session Chair: Atilla Elci G. Pareek, B. R Purushothama: Efficient Strong Key Indistinguishable Access Control in Dynamic Hierarchies with Constant Decryption Cost	Session VI: Security Analytics Session Chair: Pete Burnap A. Pechenkin, R. Demidov: Applying Deep Learning and Vector Representation for Software Vulnerabilities Detection
11:15			
11:30	M. Kalinin, V. Krunyshev, V. Belenko: Synthetic datasets generation for intrusion detection in VANET	I. Pisarev, L. Babenko: Distributed E-Voting System Based on Blind Intermediaries Using Homomorphic Encryption	A. Kirillov, L. Babenko: Development of method for malware classification based on statistical methods and an extended set of system calls data
11:45			
12:00	A. Almechadi: SCADA Networks Anomaly-based Intrusion Detection System (Short Paper)	V. Osipyan, K. Litvinov: A mathematical model of the cryptosystem based on the linear Diophantine equation (Short Paper)	E. Pavlenko, P. Zegzhda, D. Zegzhda, G. Ignatev: Applying deep learning techniques for Android malware detection
12:15			
12:30	Ext Abstracts (25 minutes)	Ext Abstracts (25 minutes)	A Dauda, S Mclean, A Almechadi, K. El-Khatib: Big Data Analytic Architecture for Security Intelligence (Short Paper)
12:45	Lunch break & Poster Session	Lunch break & Poster Session	Lunch break & Poster Session
13:00			
13:15			
13:30			
13:45	Session II: Cyber-Physical Systems 2 V. Kumar: Secure Data Aggregation in WSNs: A Two Level Framework	Session V: Cryptography 2 Y. Ma, H. Kazemian: Trapdoor-indistinguishable Secure Channel Free Public Key Encryption with Multi-Keywords Search	Session VII: Developments and Challenges J. Curry: Developments in State Level Cyber Wargaming
14:00			
14:15	D. Moriyama, T. Kitagawa, D. Suzuki, S. Nashimoto: A Secure Firmware Update Protocol for IoT Devices	E. Ishchukova, M. Anikeev, V. Salmanov, O. Shamlyan: Linear and Differential Analysis of Simplified Kuznechick Cipher	Industry Panel
14:30			
14:45	I. Kotenko, S. Ageev, I.Saenko: Implementation of Intelligent Agents for Network Traffic and Security Risk Analysis in Cyber-Physical Systems (Short Paper)	E. Persichetti: Efficient One-Time Signatures from Quasi-Cyclic Codes (Short Paper)	
15:00			
15:15	Coffee Break	Coffee Break	Coffee Break
15:30			
15:45	Session III: Network and Host Security Session Chair: George Theodorakopoulos M. Pismensky, E. Basan, O. Makarevich: Development of a Protection System for a Group of Mobile Robots, Taking into Account the Requirements of Foreign and Russian Legislation	Session VI: Applications M. Payeras-Capella, M. Mut-Puigserver, L. Huguet-Rotger: Anonymity in Secure Access to Integrated Touristic Services Including Payment	Closing Pete Burnap
16:00			
16:15	A. Branitskiy, I. Kotenko: Software Tool for Testing the Packet Analyzer of Network Attack Detection Systems	D. Bird: A Conceptual Framework to Identify Cyber Risks Associated with the Use of Public Cloud Computing (Short Paper)	
16:30			
16:45	D. Levonevskiy, L. Fedorchenko, I. Afanasieva, F. Novikov: Architecture of the Software System for Adaptive Protection of Network Infrastructure (Short Paper)		
17:00			
17:15	E. Basan, O. Makarevich, A. Basan: Development of the Anomaly Detection Method for a Group of Mobile Robots (Short Paper)		
17:30			
17:45	S. Rauti, L. Koivunen, V. Leppänen: Towards Profiling Program Instances in Host-Based Intrusion Detection Systems by Recognizing Software Update Patterns		
18:00			
18:15			
18:30		Drinks Reception at Cardiff Castle	
18:45			
19:00		Dinner at Cardiff Castle	