

Monday 24.09.2012

9:00 - 13:00	Registration	
13:00 - 14:00	Lunch	
14:00 - 14:10	Conference Opening	
14:10 - 15:00	Pascal Lafourcade (University Joseph Fourier, Grenoble)	1st Invited Lecture
15:00 - 16:00	Session I - Cryptography and data protection I	
15:00 - 15:20	Anna Grochowska-Czurylo, Janusz Stoklosa, Krzysztof Bucholc and Tomasz Bilski	Parameterized Hash Functions
15:20 - 15:40	Mateusz Buczek	Attacks on StreamHash 2
15:40 - 16:00	Sebastien Varrette, Jakub Muszynski and Pascal Bouvry	Hash function generation by means of Gene Expression Programming
16:00 - 16:30	Coffe break	
16:30 - 17:20	Mark D. Cole (University of Luxembourg)	2nd Invited Lecture
17:20 - 18:20	Session II - Security Systems	
17:20 - 17:40	Nicolas Bernard and Franck Leprévost	Hardened Bloom Filters, with an Application to Unobservability
17:40 - 18:00	Vaidas Juzonis, Nikolaj Goranin, Antanas Cenys and Dmitrij Olifer	Specialized Genetic Algorithm Based Simulation Tool Designed For Malware Evolution Forecasting
18:00 - 18:20	Franciszek Seredynski, Jaroslaw Skaruz and Adrian Piraszewski	Image reconstruction with use of evolutionary algorithms and cellular automata
19:00	Barbecue Dinner	

Tuesday 25.09.2012

8:00 - 9:00	Breakfast	
9:00 - 9:50	Krzysztof Chmiel (Poznań University of Technology)	3rd Invited Lecture
9:50 - 10:30	Session III - Steganography and watermarking	
9:50 - 10:10	Wioletta Wójtowicz and Marek R. Ogiela	Security issues on digital watermarking algorithms
10:10 - 10:30	Mahmoud Ouf	Performance Evaluation of Different Universal Steganalysis Technique in JPG Files
10:30 - 11:00	Coffe break	
11:00 - 12:40	Session IV - Cryptographic protocols & Network security	
11:00 - 11:20	Urszula Krawczyk and Piotr Sapiеча	Automatic detection of DoS vulnerabilities of cryptographic protocols

11:20 - 11:40	Bogdan Księżopolski, Damian Rusinek, Adam Wierzbicki	On the modelling of Kerberos protocol in the Quality of Protection Modelling Language (QoP-ML)
11:40 - 12:00	Xiaobing He, Pawel Szalachowski, Zbigniew Kotulski, Nikos Fotiou, Giannis F. Marias, George C. Polyzos and Hermann de Meer	Energy-aware Key Management in Mobile Wireless Sensor Networks
12:00 - 12:20	Grzegorz Oryńczak and Zbigniew Kotulski	Notary-based self-healing mechanism for centralized peer-to-peer infrastructures
12:20 - 12:40	Marcin Alan Tunia	Distributed Social Network
13:00 - 14:00	Lunch	
14:00 - 15:40	Sesion V - Cryptography and data protection II	
14:00 - 14:20	Renata Kawa and Mieczysław Kula	A Remark on Hierarchical Threshold Secret Sharing
14:20 - 14:40	Aneta Wroblewska and Vasyl Ustimenko	Dynamical systems as the main instrument for the constructions of new quadratic families and their usage in cryptography
14:40 - 15:00	Mariusz Borowski, Marek Leśniewicz, Robert Wicik and Marcin Grzonkowski	Generation of random keys for cryptographic systems
15:00 - 15:20	Urszula Romańczuk and Vasyl Ustimenko	On the family of cubical multivariate cryptosystems based on algebraic graph over finite commutative rings of characteristic 2.
15:20 - 15:40	Monika Polak and Vasyl Ustimenko	LDPC Codes Based on Algebraic Graphs
15:40 - 15:50	Closing the Conference	
15:50 - 16:20	Coffe break	
16:30 - 19:00	Guided City Tour - Kazimierz Dolny	
19:10	Conference Dinner	

Wednesday 26.09.2012

8:00 - 9:00	Breakfast
9:00 - 12:00	Leaving the rooms