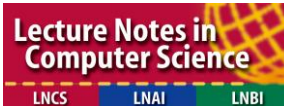




Springer



SCHEDULE  
of  
The 9<sup>th</sup> International Conference on Security for  
Information Technology and Communications  
(SECITC 2016)



Powered by



Informatics Security / IT&C  
Security Master

Bucharest University of Economic  
Studies



Information Technology  
Security Master

Military Technical Academy



Advanced Technologies  
Institute

Conference Partners



Bitdefender



Trust in, and value from, information systems  
Romania Chapter



## SECITC 2016 SCHEDULE

[www.secitc.eu](http://www.secitc.eu)

### DAY 1 - 09 June 2016

**On Site Registration Date:**

09 June 2016, 08.00 – 09:00 AM, room "Stefan cel Mare și Sfânt", National Military Palace

**Opening Meeting Date:**

09 June 2016, 09.00 AM, room "Stefan cel Mare și Sfânt", National Military Palace

Hour	Presenter	Presentation Title	Affiliation
09.00 AM	<b>Welcome Speeches</b> Ion BICA & Reza REYHANITABAR, Conference Chairs		
09.15 AM	<b>Foreward</b> Representatives from:		
	Military Technical Academy		Bucharest University of Economic Studies
	Department of Computer Science and Military Information Systems		Department of Economic Informatics and Cybernetics
	Advanced Technologies Institute (ITA)		Romanian National Computer Security Incident Response Team (CERT-RO)
<b>Invited Papers Session #1</b>			
09.40 AM	Serge VAUDENAY	<i>Circular Security Reconsidered</i>	Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland
10.20 AM	Jean-Louis LANET	<i>Tigers paper, an endless fight</i>	High Security Labs of INRIA, France
<b>Coffee Break 11.00 – 11.20</b>			
<b>Invited Papers Session #2</b>			
11.20 AM	Paolo D'ARCO	<i>Visual Cryptography - Models, Issues, Applications and New Directions</i>	University of Salerno, Italy
12.00 AM	Ferucio Laurentiu TIPLEA	<i>Security of Identity-based Encryption Schemes based on Quadratic Residues</i>	"Al.I.Cuza" University of Iasi, Romania
<b>Sponsor Presentations</b>			
12.40 AM	George POSTELNICU	<i>Oracle Information Security</i>	ORACLE Romania
<b>Lunch 13.00 – 14.00</b>			



**SECTION #1 – room “Stefan cel Mare și Sfânt”**  
**Chair: Victor-Valeriu PATRICIU & Emil SIMION**

Hour	Authors	Presentation Title
<b>Section #1</b>		
14.00	Shoichi Hirose, Atsushi Yabumoto	A Tweak for a PRF Mode of a Compression Function and Its Applications
14.20	Shoichi Hirose	May-Ozerov Algorithm for Nearest-Neighbor Problem over $F_q$ and Its Application to Information Set Decoding
14.40	Lukasz Krzywiecki	Schnorr-like identification scheme resistant to malicious subliminal setting of ephemeral secret
15.00	Estuardo Alpirez Bock, Zoya Dyka, Peter Langendoerfer	Increasing the Robustness of the Montgomery kP-Algorithm against SCA by Modifying its Initialization
15.20	Kashi Neupane	Long-Term Secure One-Round Group Key Establishment from Multilinear Mappings
15.40	Cezar Plesca, Mihai Togan, Cristian Lupascu	Homomorphic Encryption Based On Group Algebras and Goldwasser-Micali Scheme
<b>Coffee Break 15.40 – 16.00</b>		

**SECTION #2 – room “Stefan cel Mare și Sfânt”**  
**Chair: Mihai TOGAN & Catalin BOJA**

Hour	Authors	Presentation Title
<b>Section #2</b>		
16.00	Christian Wittke, Zoya Dyka, Oliver Skibitzki, Peter Langendoerfer	Preparation of SCA Attacks: Successfully Decapsulating BGA Packages
16.20	Andrei Marghescu, Paul Svasta	Pushing the Optimization Limits of Ring Oscillator-based True Random Number Generators
16.40	Dan Lutas, Adrian Colesa, Sandor Lukacs, Andrei Vlad Lutas	Secure Virtual Machine for Real Time Forensic Tools on Commodity Workstations
17.00	Bogdan Iancu, Cristian Sandu	A Cryptographic Approach for Implementing Semantic Web's Trust Layer
17.20	Ioana-Cristina Panait, Cristian Pop, Alexandru Sirbu, Adelina Vidovici, Emil Simion	TOR - Didactic pluggable transport
17.40	Cristian Toma, Cătălin Boja, Marius Popa, Cosmin Cartas	IoT M2M Connected Car Security Issues



## DAY 2 - 10 June 2016

10 June 2016, 09.00 AM, room "Stefan cel Mare și Sfânt", National Military Palace

Hour	Presenter	Presentation Title	Affiliation
09.00 AM	Razvan GAVRILĂ	<i>Next Generation Malware Behavioural Analysis Environments</i>	ENISA
09.25 AM	Adrian FLOAREA	<i>Advanced concepts and services for cyber security</i>	certSIGN
09.50 AM	Silviu SOFRONIE	<i>Emerging threats and cyber security perspectives</i>	Bitdefender
10.15 AM	Catalin PATRASCU	<i>Statistics, threats and cyber security trends on Romanian national cyberspace</i>	CERT-RO
10.35 AM	Mihaela VASILIU	<i>ISACA &amp; IT Security – an overview</i>	ISACA Romania
<b>Coffee Break 11.00 – 11.20</b>			

### **SECTION #3 – room "Stefan cel Mare și Sfânt"** Chair: Cezar PLEȘCA & Cristian Valeriu TOMA

Hour	Authors	Presentation Title
<b>Section #3</b>		
11.20	Pardis Pourghomi, Muhammad Qasim Saeed, Pierre Abi-Char	Secure Transaction Authentication Protocol
11.40	Alecsandru Patrascu, Stefan Popa	When Pythons Bite
12.00	Sabina Georgiana Radu	Comparative Analysis of Security Operations Center Architectures; Proposals and Architectural Considerations for Frameworks and Operating Models
12.20	Emil Simion, Mihai Barbulescu, Adrian Statulat, Vlad Traista-Popescu	RSA Weak Public Keys available on the Internet
12.40	Ana-Maria Ghimes, Victor-Valeriu Patriciu	Proposed scheme for data confidentiality and access control in cloud computing
<b>Lunch Break 13.00 – 14.00</b>		

### **STUDENTS SECTION – room "Stefan cel Mare și Sfânt"** Chairman: Luciana MOROGAN & Claudiu VINTE

Hour	Authors	Presentation Title
<b>STUDENTS SECTION</b>		
14.00	Jean De Dieu Nkpkop, Claudiu Cioara, George-Nicolae Matei, Joseph Yves Effa, Romulus Terebes, Monica Borda	Android application for confidential image communication using chaotic encryption
14.15	Mihai-Gabriel Ionita, Marius-Alexandru Velciu, Victor-Valeriu Patriciu	Authorizing cyber warfare countermeasures by using a bio-cryptographic fingerprint authentication method for mobile devices
14.30	Ciprian Baetu, Petru Cehan,	On Bilinear Groups of Composite Order



	Dan Marculet	
14.45	Lucian Ostepoc	An Extension of Graded Encoding Systems
15.00	Jascu Virgil	Secure authentication in a Hadoop environment
15.15	Lache Rares	RFID Technologies, Software Threats and Vulnerabilities
15.30	Pata Adrian	Improving the performance sport training by automatic measurement
15.45	Saru Nadia	NFC Based Access Control Solution Security
16.00	Siretchi Vlad	Testing automation and web security
16.15	Stanculescu Alexandru	Secured and easy to integrate Home Automation System
16.30	Tudor Mirela	Forensic techniques for incident response
17.00	Virlan Cristina	Security solution for encrypted chat application

**SECITC 2016 Ending Session**