



Springer



SCHEDULE
of
The 16th International Conference on Security for
Information Technology and Communications
(SECITC 2023)



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Informatics Security / IT&C Security
Master

Bucharest University of Economic
Studies



Information Technology
Security Master

Military Technical Academy
"Ferdinand I"



Advanced Technologies Institute

Conference Partners



Center for Research and Training in
Innovative Techniques of Applied
Mathematics in Engineering



Coding and Storage Theory of
Information Master

SECITC 2023 SCHEDULE



Zoom for online attendees:

<https://ase.zoom.us/j/86207574148?pwd=ZTFrbzdrRVVwODdjSnA5K2VBeFJlQT09>

DAY 1 - 23 NOVEMBER 2023

Opening Meeting Date:

23 November 2023, 09.30 AM

Receiving guests at Palace of the National Military Circle

Hour	Presenter	Presentation Title	Affiliation
10.00 AM	Welcome Speeches		
	Mark MANULIS, Diana MAIMUT and George TESELEANU, Conference Chairs		
	Foreword		
	Representatives from:		
	Military Technical Academy "Ferdinand I"	Bucharest University of Economic Studies	
	Department of Computer Science and Military Information Systems	Department of Economic Informatics and Cybernetics	
Advanced Technologies Institute (ITA)			
Invited Speakers Session #1			
10.30 AM	Ivan VISCONTI	Enhanced Non-Fungible Tokens	University of Salerno
Lunch Break 11.30– 13.00			

SESSION #1

Session chair: Ion Bica

Hour	Authors	Presentation Title
Session #1		
13.00	<u>Ruxandra Balucea</u> and Paul Irofti	Software Mitigation of RISC-V Spectre Attacks (in-person presentation)
13.20	<u>Mario Nosedá</u> and Simon Künzli	Attacking Secure-Element-Hardened MCUboot Using a Low-Cost Fault Injection Toolkit (in-person presentation)
13.40	<u>Paul Irofti</u>	Pinky: A Modern Malware-oriented Dynamic Information Retrieval Tool (online presentation)
14.00	Engincan Varan, Khadija Hanifi, Cemal Yilmaz, Ayşegül Rana Erdemli, Musa Sadik Unal, Yunus Emre Tat, Dilara Tekinoglu, Ramin Fuladi and Orcun Çetin	Using Page Offsets for Detecting Control-Flow Anomalies (online presentation)



BREAK 14.20-14.40

SESSION #2

Session chair: Cristian Toma

Hour	Authors	Presentation Title
Session #2		
14.40	<u>Jeroen van Wier</u> , Arash Atashpendar and Peter Roenne	Deniable Public-Key Authenticated Quantum Key Exchange (in-person presentation)
15.00	<u>Dhiraj Pandey</u> and Antonio Nicolosi	Learning Homomorphisms with Rounding and Pseudorandom Function (online presentation)
15.20	Dima Grigoriev, Iliia Ilmer, Alexey Ovchinnikov and <u>Vladimir Shpilrain</u>	BASS: Boolean Automorphisms Signature Scheme (online presentation)

BREAK 15.40-16.00

SESSION #3

Session chair: Alin Zamfiroiu

Hour	Authors	Presentation Title
Session #3		
16.00	<u>Jeroen van Wier</u>	SDVS Sender-Privacy in the Multi-Party Setting (in-person presentation)
16.20	<u>Adriana Nicolae</u> , Paul Irofti and Ioana Leuştean	OpenBSD formal driver verification with SeL4 (in-person presentation)
16.40	<u>Ahmad Khoureich Ka</u>	M-Sel: A Message Selection Functional Encryption from Simple Tools (online presentation)



DAY 2 - 24 NOVEMBER 2023

PLENARY SESSION

Session chair: Mihai Togan

Invited Speakers Session #2			
09.30 AM	Ahmad-Reza SADEGHI	The Challenge of Securing Federated Learning Against Poisoning Attacks	TU Darmstadt
Break 10.30 – 11.00			

PLENARY SESSION

Session chair: Catalin Boja

Hour	Presenter	Presentation Title	Affiliation
Invited Speakers Session #3			
11.00 AM	Bart PRENEEL	Cybersecurity and AI	COSIC, KU Leuven
Break 12.00 – 12.30			

SESSION #4

Session chairs: Marius Popa

Hour	Authors	Presentation Title
Session #4		
12.30	George Teseleanu and Paul Cotan	Elementary Remarks on Some Quadratic Based Identity Based Encryption Schemes (in-person presentation)
12.50	George Teseleanu	Some Results on Related Key-IV Pairs of Espresso (in-person presentation)
13.10	Matluba Khodjaeva and Giovanni Di Crescenzo	An Efficient Small Modulus Test and Its Applications to Delegated Computation without Preprocessing (online presentation)
13.30	Anastasia Theodouli , Evdoxia Manganopoulou, Athanasios Kalfoutzos, Athanasios Tzikas, Christos Tsislianis, Dimosthenis Ioannidis, Konstantinos Votis and Dimitrios Tzovaras	Towards a secure and transparent blockchain-based system for e-commerce deliveries (online presentation)

CLOSING REMARKS: 13.50 – 14.00