

# 13th International Conference on Information Systems Security

PC Saxena Auditorium, IIT Bombay (16-20 December, 2017)

Session	Time	Paper/Keynote	Presenter
<b>December 18, 2017</b>			
Registration	08:30 - 09:15	PC Saxena Auditorium Foyer	
Welcome Address	09:15 - 09:30	General Chair & Program Chairs	
<b>Keynote 1</b>	09:30 - 10:30	Maintaining level of operational effectiveness of a CSOC under adverse conditions	<b>Sushil Jajodia</b>
	10:30 - 10:50	Coffee Break	
	10:50 - 11:20	A Secure Anonymous E-Voting System Using Identity-Based Blind Signature Scheme	
Technical Session 1 (Privacy & Cryptography) 10:50 - 12:50	11:20 - 11:50	SEMFS: Secure & Efficient Multi-keyword Fuzzy Search for Cloud Storage	
	11:50 - 12:20	Towards Generalization of Privacy Policy Specification and Property-based Information Leakage	
	12:20 - 12:50	Privacy-Preserving Proxy Re-encryption with Fine-grained Access Control	
	12:50 - 13:45	Lunch Break	
<b>Keynote 2</b>	13:45 - 14:45	The protection of space mission: threats and cyberthreats	<b>Stefano Zatti</b>
	14:45 - 15:00	Coffee Break	
Technical Session 2 (Systems Security) 15:00 - 16:30	15:00 - 15:30	Hiding Kernel Level Rootkits Using Buffer Overflow and Return Oriented Programming	
	15:30 - 16:00	Experimenting similarity-based hijacking attacks detection and response in Android Systems	
	16:00 - 16:30	Heavy Log Reader: Learning the Context of Cyber Attacks Automatically with Paragraph Vector	
Cultural Programme	19:30 -	PC Saxena Auditorium	

<b>December 19, 2017</b>			
<b>Keynote 3</b>	09:30 - 10:30	New trends in cyber malware	<b>Luigi V Mancini</b>
	10:30 - 11:00	Coffee Break	
	11:00 - 11:30	On Automated Detection of Multi-Protocol Attacks using AVISPA	
Technical Session 3 (Security Analysis) 11:00 - 12:50	11:30 - 12:00	Malicious Application Detection on Android with Enhanced Static-Dynamic Analysis	
	12:00 - 12:30	Human-on-the-loop Automation for Detecting Software Side-Channel Vulnerabilities	
	12:30 - 12:50	MalDetec: A Non-Root Approach for Dynamic Malware Detection in Android	
	12:50 - 14:00	Lunch Break	
	14:00 - 14:20	Parallelized Common Factor Attack on RSA	
Technical Session 4 (Security Attacks) 14:00 - 15:20	14:20 - 14:40	Performance attacks on branch predictors in embedded processors with SMT support	
	14:40 - 15:00	An enhanced blacklist method to detect phishing websites	
	15:00 - 15:20	Semi Supervised NLP Based Classification of Malware Documents	
	15:20 - 15:50	Coffee Break	
	15:50 - 16:20	Discovery and REgistration Protocol:for Device and Person Identity Management in IoT	
Technical Session 5 (Identity Management & Access Control) 15:50 - 17:40	16:20 - 16:50	Modelling and Mitigation of Cross-Origin Request Attacks on FIM (Federated Identity Management) Using CORP (Cross Origin Request Policy)	
	16:50 - 17:20	The Challenge of Aadhaar	
	17:20 - 17:40	Secure Random Encryption for Deduplicated Storage	
Banquet (Delegates)	19:30 -	PC Saxena Auditorium Foyer	

<b>December 20, 2017</b>			
<b>Keynote 4</b>	09:30 - 10:30	Cyber Space: Dimensions and Limitations	<b>Gulshan Rai</b>
	10:30 - 11:00	Coffee Break	
	11:00 - 11:30	Leveraging Man-in-the-middle DoS Attack with Internal TCP Retransmissions in Virtual Network	
Technical Session 6 (Network Security) 11:00 - 13:00	11:30 - 12:00	wIDS a multilayer IDS for Wireless-based SCADA	
	12:00 - 12:30	On De-synchronization of User Pseudonyms in Mobile Network	
	12:30 - 13:00	Dark domain name attack: A new threat to Domain Name System	
	13:00 - 14:00	Lunch Break	