

PRE-CONFERENCE WORKSHOPS, MONDAY, NOVEMBER 3, 2014

	<u>Safeconfig</u>	<u>WPES</u>	<u>TrustED</u>	<u>WISCS</u>	<u>MTD</u>
	Room: Grand Ballroom C 08:30 - 18:00	Track A: GB A Track B: GB B 08:30 - 18:00	Room: El Teatro 08:30 - 18:00	Room: Grand Ballroom E/F 08:30 - 18:00	Room: Grand Ballroom D 08:30 - 18:00
07:30-08:30	Breakfast & Registration (Room: Conference Foyer)				
10:30-11:00	Coffee Break (Room: Conference Foyer)				
12:30-14:00	Lunch Break (Room: Conference Foyer)				
15:30-16:00	Coffee Break (Room: Conference Foyer)				

CCS MAIN CONFERENCE, TUESDAY, NOVEMBER 4, 2014

	TRACK A	TRACK B	TRACK C	TUTORIAL
	Room: Grand Ballroom A/B	Room: Grand Ballroom C	Room: Grand Ballroom D	Room GB E/F
07:30-08:30	Breakfast & Registration (Room: Conference Foyer)			
08:30-09:00	Opening Remarks (Room: Grand Ballroom A-F)			
	Session 1–A PAYMENTS AND SECURITY	Session 1–B CODE MANIPULATION	Session 1–C OPERATING SYSTEMS	
	Session Chair Sherman Chow	Session Chair Michalis Polychronakis	Session Chair Kevin Butler	
09:00-09:30	Founding Digital Currency on Secure Computation <i>Karim Eldefrawy and Joshua Lampkins</i>	Code Reuse Attacks in PHP: Automated POP Chain Generation <i>Johannes Dahse, Nikolai Krein and Thorsten Holz</i>	Rosemary: A Robust, Secure, and High-performance Network Operating System <i>Seungwon Shin, Yongjoo Song, Taekyung Lee, Sangho Lee, Jaewoong Chung, Phillip Porras, Vinod Yegneswaran, Jisung Noh and Brent Byunghoon Kang</i>	
09:30-10:00	Deanonymisation of clients in Bitcoin P2P network <i>Dmitry Khovratovich, Alex Biryukov and Ivan Pustogarov</i>	Information Leaks Without Memory Disclosures: Remote Side Channel Attacks on Diversified Code <i>Jeff Seibert, Hamed Okhravi and Eric Soderstrom</i>	Hypervision Across Worlds: Real-time Kernel Protection from the ARM TrustZone Secure World <i>Ahmed Azab, Peng Ning, Jitesh Shah, Quan Chen, Rohan Bhutkar, Guruprasad Ganesh, Jia Ma and Wenbo Shen</i>	
10:00-10:30	How to Use Bitcoin to Incentivize Correct Computations <i>Iddo Bentov and Ranjit Kumaresan</i>	Code Injection Attacks on HTML5-based Mobile Apps: Characterization, Detection and Mitigation <i>Xing Jin, Xunchao Hu, Kailiang Ying, Wenliang Du, Heng Yin and Gautam Nagesh Peri</i>	A11y Attacks: Exploiting Accessibility in Operating Systems <i>Yeongjin Jang, Chengyu Song, Simon Chung, Tielei Wang and Wenke Lee</i>	
10:30-11:00	Coffee Break (Room: Conference Foyer)			
	Session 2-A ADVERTISEMENT: SECURITY AND PRIVACY	Session 2-B MALWARE	Session 2-C OBLIVIOUS COMPUTATIONS	
	Session Chair Lujo Bauer	Session Chair Heng Yin	Session Chair Ch. Papamanthou	
11:00-11:30	Private-by-Design Advertising Meets the Real World <i>Alexey Reznichenko and Paul Francis</i>	DeTrust: Defeating Hardware Trust Verification with Stealthy Implicitly-Triggered Hardware Trojans <i>Jie Zhang, Feng Yuan and Qiang Xu</i>	SCORAM: Oblivious RAM for Secure Computation <i>Xiao Wang, Yan Huang, T-H. Hubert Chan, Abhi Shelat and Elaine Shi</i>	
11:30-12:00	Your Online Interests – Pwned! A Pollution Attack Against Targeted Advertising <i>Wei Meng, Xinyu Xing, Anmol Sheth, Udi Weinsberg and Wenke Lee</i>	ATRA: Address Translation Redirection Attack against Hardware-based External Monitors <i>Daehee Jang, Hojoon Lee, Minsu Kim, Daehyeok Kim, Daegyeong Kim and Brent Byunghoon Kang</i>	Toward Robust Hidden Volumes using Write-Only Oblivious RAM <i>Erik-Oliver Blass, Travis Mayberry, Guevara Noubir and Kaan Onarlioglu</i>	
12:00-12:30	Characterizing Large-Scale Click Fraud in ZeroAccess <i>Paul Pearce, Vacha Dave, Chris Grier, Kirill Levchenko, Saikat Guha, Damon McCoy, Vern Paxson, Stefan Savage and Geoffrey Voelker</i>	AutoProbe: Towards Automatic Active Malicious Server Probing Using Dynamic Binary Analysis <i>Zhaoyan Xu, Antonio Nappa, Robert Baykov, Guangliang Yang, Juan Caballero and Guofei Gu</i>	Oblivious Data Structure <i>Xiao Wang, Kartik Nayak, Chang Liu, T-H. Hubert Chan, Elaine Shi, Emil Stefanov and Yan Huang</i>	

	TRACK A	TRACK B	TRACK C	TUTORIAL
	Room: Grand Ballroom A/B	Room: Grand Ballroom C	Room: Grand Ballroom D	Room GB E/F
12:30-14:00	Lunch Break (Room: Conference Foyer)			
	Session 3-A LOCATION/WEB PRIVACY	Session 3-B APPLICATIONS ORIENTED CRYPTOSYSTEMS	Session 3-C NETWORK SECURITY	
	Session Chair Rob Johnson	Session Chair Frederik Armknecht	Session Chair Amir Herzberg	
14:00-14:30	A Systematic Approach to Developing and Evaluating Website Fingerprinting Defenses <i>Xiang Cai, Rishab Nithyanand, Tao Wang, Rob Johnson and Ian Goldberg</i>	Optimal Average-Complexity Ideal-Security Order-Preserving Encryption <i>Florian Kerschbaum and Axel Schroeffer</i>	Routing Bottlenecks in the Internet – Causes, Exploits, and Countermeasures <i>Min Suk Kang and Virgil D. Gligor</i>	TUTORIAL 1 Lecturer: Christian Cachin (IBM Research-Zurich) Title: <u>Integrity, Consistency, and Verification of Remote Computation</u>
14:30-15:00	Location Privacy Protection for Smartphone Users <i>Kassem Fawaz and Kang Shin</i>	A New Additive Homomorphic Encryption based on the co-ACD Problem <i>Jung Hee Cheon, Hyung Tae Lee and Jae Hong Seo</i>	VoIP Fraud: Identifying a Wolf in Sheep's Clothing <i>Hemant Sengar</i>	
15:00-15:30	A Critical Evaluation of Website Fingerprinting Attacks <i>Marc Juarez, Sadia Afroz, Gunes Acar, Claudia Diaz and Rachel Greenstadt</i>	Verifying Curve25519 Software <i>Yu-Fang Chen, Chang-Hong Hsu, Hsin-Hung Lin, Peter Schwabe, Ming-Hsien Tsai, Bow-Yaw Wang, Bo-Yin Yang and Shang-Yi Yang</i>	Mechanized Network Origin and Path Authenticity Proofs <i>Fuyuan Zhang, Limin Jia, Cristina Basescu, Tiffany Hyun-Jin Kim, Soo Bum Lee, Yih-Chun Hu and Adrian Perrig</i>	
15:30-16:00	Optimal Geo-Indistinguishable Mechanisms for Location Privacy <i>Nicolás E. Bordenabe, Konstantinos Chatzikokolakis and Catuscia Palamidessi</i>	Searchable Encryption with Secure and Efficient Updates <i>Florian Hahn and Florian Kerschbaum</i>	Security Vulnerability in Processor-Interconnect Router Design <i>Wonjun Song, John Kim, Jae Lee and Dennis Abts</i>	
16:00-16:30	Coffee Break (Room: Conference Foyer)			
	Session 4-A SSL/TLS	Session 4-B LEAKAGE ATTACKS: SIDE CHANNELS	Session 4-C ATTACKING WEB ACCOUNTS	
	Session Chair Florian Kerschbaum	Session Chair Guoling Xue	Session Chair Danfeng Yao	
16:30-17:00	Multi-ciphersuite security of the Secure Shell (SSH) protocol <i>Florian Bergsma, Benjamin Dowling, Florian Kohlar, Jörg Schwenk and Douglas Stebila</i>	Watching the Watchers: Inferring TV Content From Outdoor Light Effusions <i>Yi Xu, Fabian Monrose and Jan-Michael Frahm</i>	Dialing Back Abuse on Phone Verified Accounts <i>Kurt Thomas, Elie Bursztein, Dima Iatskiv, Tadek Pietraszek, Chris Grier and Damon McCoy</i>	
17:00-17:30	ARPKI: Attack Resilient Public-Key Infrastructure <i>David Basin, Cas Cremers, Tiffany Hyun-Jin Kim, Adrian Perrig, Ralf Sasse and Pawel Szalachowski</i>	Acoustic Fingerprinting Revisited: Generate Stable Device ID Stealthy with Inaudible Sound <i>Zhe Zhou, Wenrui Diao, Xiangyu Liu and Kehuan Zhang</i>	Uncovering Large Groups of Active Malicious Accounts in Online Social Networks <i>Qiang Cao, Xiaowei Yang, Jieqi Yu and Christopher Palow</i>	
17:30-18:00	CertShim: Securing SSL Certificate Verification through Dynamic Linking <i>Tyler Nichols, Joe Pletcher, Braden Hollembaek, Adam Bates, Dave Tian, Abdulrahman Alkhelaifi and Kevin Butler</i>	Do You Hear What I Hear? Fingerprinting Smart Devices Through Embedded Acoustic Components <i>Anupam Das, Nikita Borisov and Matthew Caesar</i>	Consequences of Connectivity: Characterizing Account Hijacking on Twitter <i>Kurt Thomas, Frank Li, Chris Grier and Vern Paxson</i>	
18:00-18:30	PoliCert: Secure and Flexible TLS Certificate Management <i>Pawel Szalachowski, Stephanos Matsumoto and Adrian Perrig</i>	Context-free Attacks Using Keyboard Acoustic Emanations <i>Tong Zhu, Qiang Ma, Shanfeng Zhang and Yunhao Liu</i>	Face in the Distorting Mirror: Revisiting Photo-based Social Authentication <i>Iasonas Polakis, Panagiotis Ilija, Federico Maggi, Marco Lancini, Georgios Kontaxis, Stefano Zanero, Sotiris Ioannidis and Angelos Keromytis</i>	
18:30-20:30	Poster Session & Cocktail Reception (Room: Terraza, Outdoor Tent)			

CCS MAIN CONFERENCE, WEDNESDAY, NOVEMBER 5, 2014

	TRACK A	TRACK B	TRACK C	TUTORIAL
	Room: Grand Ballroom A/B	Room: Grand Ballroom C	Room: Grand Ballroom D	Room GB E/F
07:30-08:30	Breakfast & Registration (Room: Conference Foyer)			
	Session 5-A ANONYMITY	Session 5-B HARDWARE SECURITY	Session 5-C SECURE COMPUTATION PROTOCOLS	
	Session Chair George Danezis	Session Chair Ahmad-Reza Sadeghi	Session Chair Junshan Zhang	
08:30-09:00	(Nothing else) MATor(s): Monitoring the Anonymity of Tor's Path Selection <i>Michael Backes, Aniket Kate, Sebastian Meiser and Esfandiar Mohammadi</i>	Breaking Integrated Circuit Device Security through Test Mode Silicon Reverse Engineering <i>Markus Kammerstetter, Markus Muellner, Daniel Burian, Christian Platzer and Wolfgang Kastner</i>	Reuse It Or Lose It: More Efficient Secure Computation Through Reuse of Encrypted Values <i>Benjamin Mood, Debayan Gupta, Kevin Butler and Joan Feigenbaum</i>	
09:00-09:30	Deniable Liaisons <i>Abhinav Narain, Nick Feamster and Alex Snoeren</i>	ARMlock: Hardware-based Fault Isolation for ARM <i>Yajin Zhou, Xiaoguang Wang, Yue Chen and Zhi Wang</i>	UC security is practical: Efficient UC protocols with a Global Random Oracle <i>Ran Canetti, Abhishek Jain and Alessandra Scafuro</i>	
09:30-10:00	Community-Enhanced De- anonymization of Online Social Networks <i>Shirin Nilizadeh, Apu Kapadia and Yong-Yeol Ahn</i>	The Last Mile: An Empirical Study of Some Timing Channels on seL4 <i>David Cock, Qian Ge, Toby Murray and Gernot Heiser</i>	A Computationally Complete Symbolic Attacker for Equivalence Properties <i>Gergei Bana and Hubert Comon- Lundh</i>	
10:00-10:30	Coffee Break (Room: Conference Foyer)			
	Session 6-A TRANSPORTATION SECURITY	Session 6-B CRYPTOGRAPHIC OBFUSCATION	Session 6-C WEB VULNERABILITIES	
	Session Chair Nitesh Saxena	Session Chair Rei Safavi-Naini	Session Chair Kehuan Zhang	
10:30-11:00	Detection of On-Road Vehicles Emanating GPS Interference <i>Gorkem Kar, Hossen Mustafa, Yan Wang, Yingying Chen, Wenyuan Xu, Marco Gruteser and Tam Vu</i>	Optimizing Obfuscation: Avoiding Barrington's Theorem <i>Prabhanjan Ananth, Divya Gupta, Yuval Ishai and Amit Sahai</i>	The web never forgets: Persistent tracking mechanisms in the wild <i>Gunes Acar, Christian Eubank, Steven Englehardt, Marc Juarez, Arvind Narayanan and Claudia Diaz</i>	
11:00-11:30	On The Security of Mobile Cockpit Information Systems <i>Devin Lundberg, Brown Farinholt, Edward Sullivan, Ryan Mast, Stephen Checkoway, Stefan Savage, Alex Snoeren and Kirill Levchenko</i>	Fully Secure and Fast Signing from Obfuscation <i>Kim Ramchen and Brent Waters</i>	MACE: Detecting Privilege Escalation Vulnerabilities in Web Applications <i>Maliheh Monshizadeh, Prasad Naldurg and V. N. Venkatakrishnan</i>	
11:45-12:45	KEYNOTE-1 (Room: Grand Ballroom A-F) <u>Exciting Security Research Opportunity: Next-generation Internet</u> Prof. Adrian Perrig (ETH, Zürich) Session Chair: Trent Jaeger			

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	Room: Grand Ballroom A/B	Room: Grand Ballroom C	Room: Grand Ballroom D	Room GB E/F
12:45-14:00	Lunch Break (Room: Conference Foyer)			
	Session 7-A REAL-WORLD SYTEMS: ANALYSIS AND THREATS	Session 7-B USER ASPECTS	Session 7-C WIRELESS SECURITY	
	Session Chair Alexei Czeskis	Session Chair Rida Bazzi	Session Chair Kui Ren	
14:00-14:30	Security Analysis of the Estonian Internet Voting System <i>Drew Springall, Travis Finkenauer, Zakir Durumeric, Jason Kitcat, Harri Hursti, Margaret MacAlpine and J. Alex Halderman</i>	Increasing Security Sensitivity With Social Proof: A Large-Scale Experimental Confirmation <i>Sauvik Das, Adam Kramer, Laura Dabbish and Jason Hong</i>	Vulnerability and Protection of Channel State Information in Multiuser MIMO Networks <i>Yu-Chih Tung, Sihui Han, Dongyao Chen and Kang G. Shin</i>	TUTORIAL 2 Lecturer: William Enck (North Carolina State Univ.) Tao Xie (Univ. of Illinois, Urbana-Champaign) Title: <u>Text Analytics for Security</u>
14:30-15:00	Harvesting high value foreign currency transactions from EMV contactless credit cards without the PIN <i>Martin Emms, Budi Arief, Leo Freitas, Joseph Hannon and Aad Van Moorsel</i>	Are You Ready to Lock? Understanding User Motivations for Smartphone Locking Behaviors <i>Serge Egelman, Sakshi Jain, Rebecca Pottenger, Kerwell Liao, Sunny Consolvo and David Wagner</i>	Blind Transmitter Authentication for Spectrum Security and Enforcement <i>Vireshwar Kumar, Jung-Min Park and Kaigui Bian</i>	
15:00-15:30	Real Threats to Your Data Bills: Security Loopholes and Defense in Mobile Data Charging <i>Chunyi Peng, Chiyu Li, Hongyi Wang, Guanhua Tu and Songwu Lu</i>	Aletheia: Improving the Usability of Static Security Analysis <i>Omer Tripp, Salvatore Guarnieri, Marco Pistoia and Aleksandr Aravkin</i>	RevCast: Fast, Private Certificate Revocation over FM Radio <i>Aaron Schulman, Dave Levin and Neil Spring</i>	
15:30-16:00	Coffee Break (Room: Conference Foyer)			
	Session 8-A SECURE OUTSOURCED COMPUTATIONS	Session 8-B MOBILE SECURITY	Session 8-C SECURITY OF WEB COMPONENTS	
	Session Chair Christian Cachin	Session Chair Long Lu	Session Chair Adam Doupe	
16:00-16:30	Taking Authenticated Range Queries to Arbitrary Dimensions <i>Dimitrios Papadopoulos, Stavros Papadopoulos and Nikos Triandopoulos</i>	Wiretapping via Mimicry: Short Voice Imitation Man-in-the-Middle Attacks on Crypto Phones <i>Maliheh Shirvanian and Nitesh Saxena</i>	Clubbing Seals: Exploring the Ecosystem of Third-party Security Seals <i>Tom Van Goethem, Frank Piessens, Wouter Joosen and Nick Nikiforakis</i>	
16:30-17:00	Outsourced Proofs of Retrievability <i>Frederik Armknecht, Jens-Matthias Bohli, Ghassan Karame, Zongren Liu and Christian A. Reuter</i>	Context-Based Zero-Interaction Pairing and Key Evolution for Advanced Personal Devices <i>Markus Miettinen, Majid Sobhani, Thien Duc Nguyen, Ahmad-Reza Sadeghi and N. Asokan</i>	A Nearly Four-Year Longitudinal Study of Search-Engine Poisoning <i>Nektarios Leontiadis, Tyler Moore and Nicolas Christin</i>	
17:00-17:30	Efficiently Verifiable Computation on Encrypted Data <i>Dario Fiore, Rosario Gennaro and Valerio Pastro</i>	OAuth Demystified for Mobile Application Developers <i>Eric Chen, Shuo Chen, Patrick Tague, Yuan Tian, Yutong Pei and Robert Kotcher</i>	From Patches to Honey-Patches: Lightweight Attacker-Misdirection, Deception, and Disinformation <i>Frederico Araujo, Kevin Hamlen, Sebastian Biedermann and Stefan Katzenbeisser</i>	
17:30-18:00	ALITHEIA: Towards Practical Verifiable Graph Processing <i>Yupeng Zhang, Charalampos Papamanthou and Jonathan Katz</i>	Beware, Your Hands Reveal Your Secrets ! <i>Diksha Shukla, Rajesh Kumar, Abdul Serwadda and Vir Phoha</i>	A Threat for Tablet PCs in Public Space: Remote Visualization of Screen Images Using EM Emanation <i>Yuichi Hayashi, Naofumi Homma, Mamoru Miura, Takafumi Aoki and Hideaki Sone</i>	
18:30-21:00	Award Ceremony and Dinner (Room: Cypress Court)			

CCS MAIN CONFERENCE, THURSDAY, NOVEMBER 6, 2014

	TRACK A	TRACK B	TRACK C	TUTORIAL
	Room: Grand Ballroom A/B	Room: Grand Ballroom C	Room: Grand Ballroom D	Room GB E/F
07:30-08:30	Breakfast & Registration (Room: Conference Foyer)			
	Session 9-A CLOUD & SEARCH ISSUES	Session 9-B CRYPTO IMPLEMENTATIONS	Session 9-C DATA PRIVACY	
	Session Chair Mahesh Tripunitara	Session Chair Dongwan Shin	Session Chair Marina Blanton	
08:30-09:00	Quantifying Web-Search Privacy <i>Arthur Gervais, Reza Shokri, Adish Singla, Srđjan Capkun and Vincent Lenders</i>	Characterization of Real-Life PRNGs under Partial State Corruption <i>Sylvain Ruhault and Mario Cornejo</i>	Structural Data De-anonymization: Quantification, Practice, and Implications <i>Shouling Ji, Weiqing Li, Mudhakar Srivatsa and Raheem Beyah</i>	
09:00-09:30	Mayhem in the Push Clouds: Understanding and Mitigating Security Hazards in Mobile Push-Messaging Services <i>Tongxin Li, Xiaoyong Zhou, Luyi Xing, Yeonjoon Lee, Muhammad Naveed, Xiaofeng Wang and Xinhui Han</i>	Synthesis of Fault Attacks on Cryptographic Implementations <i>Gilles Barthe, François Dupressoir, Pierre-Alain Fouque, Benjamin Grégoire and Jean-Christophe Zapalowicz</i>	Privacy-Preserving Aggregatable Randomized Response <i>Ulfar Erlingsson, Vasily Pihur and Aleksandra Korolova</i>	
09:30-10:00	Cross-Tenant Side-Channel Attacks in PaaS Clouds <i>Yinqian Zhang, Ari Juels, Mike Reiter and Thomas Ristenpart</i>	ShadowCrypt: Encrypted Web Applications for Everyone <i>Warren He, Devdatta Akhawe, Sumeet Jain, Elaine Shi and Dawn Song</i>	PrivEx: Private Collection of Traffic Statistics for Anonymous Communication Networks <i>Tariq Elahi, George Danezis and Ian Goldberg</i>	
10:00-10:30	Coffee Break (Room: Conference Foyer)			
	Session 10-A INFORMATION FLOW	Session 10-B MALWARE STUDIES	Session 10-C SYSTEM-ORIENTED CRYPTO INTEGRATION	
	Session Chair William Enck	Session Chair Hongxin Hu	Session Chair Nick Nikiforakis	
10:30-11:00	Automating Information Flow Analysis of Low Level Code <i>Musard Balliu, Mads Dam and Roberto Guanciale</i>	Semantics-Aware Android Malware Classification Using Weighted Contextual API Dependency Graphs <i>Mu Zhang, Yue Duan, Heng Yin and Zhiruo Zhao</i>	Keeping the Secrets Away from the CPU <i>Giorgos Vasiladis, Elias Athanasopoulos, Michalis Polychronakis and Sotiris Ioannidis</i>	
11:00-11:30	Collaborative verification of information flow for a high-assurance app store <i>Michael D. Ernst, René Just, Suzanne Millstein, Werner Dietl, Stuart Pernsteiner, Franziska Roesner, Karl Koscher, Paulo Barros, Ravi Boraskar, Seungyeop Han, Paul Vines and Edward Wu</i>	An Epidemiological Study of Malware Encounters in a Large Enterprise <i>Ting-Fang Yen, Victor Heorhiadi, Alina Oprea, Michael Reiter and Ari Juels</i>	Hey, NSA: Stay Away from my Market! Future Proofing App Markets against Powerful Attackers <i>Sascha Fahl, Sergej Dechand, Henning Perl, Felix Fischer, Jaromir Smrcek and Matthew Smith</i>	
11:45-12:45	KEYNOTE 2 (Room: Grand Ballroom A-F) <i>Privacy: Beyond Confidentiality</i> Prof. Chris Clifton (Purdue University, US) Session Chair: Gail-Joon Ahn			

	TRACK A	TRACK B	TRACK C	TUTORIAL
	Room: Grand Ballroom A/B	Room: Grand Ballroom C	Room: Grand Ballroom D	Room GB E/F
12:45-14:00	Lunch Break (Room: Conference Foyer)			
	Session 11-A ACCESS CONTROL	Session 11-B AUTHENTICATION	Session 11-C WEB SECURITY TOOLS	
	Session Chair Gang Tan	Session Chair Liam Mayron	Session Chair Ehab Al-Shaer	
14:00-14:30	Fail-Security in Access Control <i>Petar Tsankov, Srdjan Marinovic, Mohammad Torabi Dashti and David Basin</i>	Multi-Stage Key Exchange and the Case of Google's QUIC Protocol <i>Marc Fischlin and Felix Günther</i>	S3: A Symbolic String Solver for Vulnerability Detection in Web Applications <i>Minh-Thai Trinh, Duc Hiep Chu and Joxan Jaffar</i>	TUTORIAL 3 Lecturer: Florian Kerschbaum (SAP, Germany) Title: <u>Client-Controlled Cloud Encryption</u>
14:30-15:00	World-Driven Access Control for Continuous Sensing <i>Franziska Roesner, David Molnar, Alexander Moshchuk, Tadayoshi Kohno and Helen J. Wang</i>	Algebraic MACs and Keyed-Verification Anonymous Credentials <i>Melissa Chase, Sarah Meiklejohn and Greg Zaverucha</i>	ClickMiner: Towards Forensic Reconstruction of User-Browser Interactions from Network Traces <i>Christopher Neasbitt, Roberto Perdisci, Kang Li and Terry Nelms</i>	
15:00-15:30	Decide Now or Decide Later? Quantifying the Tradeoff between Prospective and Retrospective Access Decisions <i>Wen Zhang, You Chen, Ted Cybulski, Daniel Fabbri, Carl A. Gunter, Patrick Lawlor, David Liebovitz and Brad Malin</i>	Security Analyses of Click-based Graphical Passwords via Image Point Memorability <i>Bin Zhu, Jeff Yan, Dongchen Wei and Maowei Yang</i>	Moving Target: Security and Rapid-Release in Firefox <i>Sandy Clark, Michael Collis, Matt Blaze and Jonathan Smith</i>	
15:30-16:00	Coffee Break (Room: Conference Foyer)			
	Session 12-A CRYPTOGRAPHIC SCHEMES & TECHNIQUES	Session 12-B SECURE PROGRAMING & APPS	Session 12-C SYSTEMS: ATTACKS AND SECURITY	
	Session Chair Alina Oprea	Session Chair Hassan Takabi	Session Chair Ziming Zhao	
16:00-16:30	System-level non-interference for constant-time cryptography <i>Gilles Barthe, Gustavo Betarte, Juan Diego Campo, Carlos Luna and David Pichardie</i>	RockJIT: Securing Just-In-Time Compilation Using Modular Control-Flow Integrity <i>Ben Niu and Gang Tan</i>	A Tale of Two Kernels: Towards Ending Kernel Hardening Wars with Split Kernel <i>Anil Kurmus and Robby Zippel</i>	
16:30-17:00	Controlled Functional Encryption <i>Muhammad Naveed, Shashank Agrawal, Manoj Prabhakaran, Xiaofeng Wang, Erman Ayday, Jean-Pierre Hubaux and Carl A. Gunter</i>	A Precise and General Inter-component Data Flow Analysis Framework for Security Vetting of Android Apps <i>Fengguo Wei, Sankardas Roy, Xinming Ou and Robby</i>	Beyond Pattern Matching: A Concurrency Model for Stateful Deep Packet Inspection <i>Lorenzo De Carli, Robin Sommer and Somesh Jha</i>	
17:00-17:30	Formatted Encryption beyond Regular Languages <i>Daniel Luchaup, Thomas Shrimpton, Thomas Ristenpart and Somesh Jha</i>	You Can Run but You Can't Read: Preventing Disclosure Exploits in Executable Code <i>Michael Backes, Thorsten Holz, Benjamin Kollenda, Philipp Koppe, Stefan Nürnberger and Jannik Pevny</i>	The UNIX Process Identity Crisis: A Standards-Driven Approach to Setuid <i>Mark Dittmer and Mahesh Tripunitara</i>	
17:30-18:00	VerSum: Verifiable Computations over Large Public Logs <i>Jelle van den Hooff, M. Frans Kaashoek and Nikolai Zeldovich</i>	AutoCog: Measuring the Description-to-permission Fidelity in Android Applications <i>Zhengyang Qu, Vaibhav Rastogi, Xinyi Zhang, Yan Chen, Tiantian Zhu and Zhong Chen</i>	Blind Recognition of Touched Keys on Mobile Devices <i>Qinggang Yue, Zhen Ling, Xinwen Fu, Benyuan Liu, Kui Ren and Wei Zhao</i>	

POST-CONFERENCE WORKSHOPS, FRIDAY, NOVEMBER 7, 2014

	<u>SIW</u>	<u>AI</u>Sec	<u>SEGS</u>	<u>SPSM</u>	<u>CCSW</u>
	Room: Grand Ballroom B 08:30 - 18:00	Room: Grand Ballroom E/F 08:30 - 18:00	Room: Grand Ballroom A 08:30 - 18:00	Room: Grand Ballroom C 08:30 - 18:00	Room: Grand Ballroom D 08:30 - 18:00
07:30-08:30	Breakfast & Registration (Room: Conference Foyer)				
10:30-11:00	Morning Break (Room: Conference Foyer)				
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15:30-16:00	Afternoon Break (Room: Conference Foyer)				