

## CODASPY'12 – Program (Tentative)

Session	Title	Authors	Time
<b>Day 1</b>			
	<i>Breakfast</i>		<b>7:30 - 8:20</b>
	<i>Welcome from General Chair and Program Chair</i>		<b>8:20 – 8:30</b>
<b>Session 1</b>	<b><i>Database and Storage Security</i></b> <b><i>Session Chair: Ravi Sandhu (UTSA)</i></b>		<b>8:30 – 10:00</b>
	Secure and Efficient Proof of Storage with Deduplication	Qingji Zheng, Shouhuai Xu (UTSA)	
	Practical Oblivious Storage	Michael Goodrich (UC Irvine), Michael Mitzenmacher (Harvard U), Olga Ohrimenko, Roberto Tamassia (Brown U)	
	SENTINEL: Securing Database From Logic Flaws in Web Applications	Xiaowei Li, Wei Yan, Yuan Xue (Vanderbilt U)	
	<i>Coffee Break</i>		<b>10:00 – 10:30</b>
<b>Session 2</b>	<b><i>Security and Privacy for Social Computing</i></b> <b><i>Session Chair: Lujo Bauer (CMU)</i></b>		<b>10:30 – 12:00</b>
	Stalking Online: on User Privacy in Social Networks	Yuhao Yang, Jonathan Lutes, Fengjun Li, Bo Luo (U. of Kansas), Peng Liu (Pennsylvania State U)	
	Measuring Query Privacy in Location-Based Services	Xihui Chen, Jun Pang (U of Luxembourg)	
	Revisiting Link Privacy in Social Networks	Suhendry Effendy, Felix Halim, Roland Yap (National University of Singapore)	
	<i>Lunch</i>		<b>12:00 – 1:30</b>
<b>Keynote</b>	<b><i>Keynote Address</i></b> <b><i>Session Chair: Elisa Bertino (Purdue Univ.)</i></b>		<b>1:30 – 2:30</b>
	Hunt, crack, track, block: Combating today's and tomorrow's malware	Giovanni Vigna (UC Santa Barbara)	
	<i>Coffee Break</i>		<b>2:30 – 3:00</b>
<b>Session 3</b>	<b><i>Access Control Enforcement</i></b> <b><i>Session Chair: Roberto Tamassia (Brown Univ.)</i></b>		<b>3:00 – 5:00</b>
	On Practical Specification and Enforcement of Obligations	Ninghui Li, Haining Chen, Elisa Bertino (Purdue U)	
	Deriving Implementation-level Policies for Usage Control Enforcement	Prachi Kumari, Alexander Pretschner (Karlsruhe Institute of Technology)	
	Discovering Access-Control Misconfigurations: New Approaches and Evaluation Methodologies	Lujo Bauer, Yuan Liang (Carnegie Mellon U), Mike Reiter, Chad Spensky (UNC Chapel Hill)	
	Comparison-Based Encryption for Fine-grained Access Control in Clouds	Yan Zhu, Hongxin Hu, Gail-Joon Ahn (Arizona State University), Mengyang Yu (Peking University)	

## Day 2

	<b>Breakfast</b>		<b>7:30 – 8:30</b>
<b>Session 4</b>	<b>Short Papers Session 1</b> <b>Session Chair: Jaideep Vaidya (Rutgers Univ.)</b>		<b>8:30 – 10:00</b>
	Relationship-Based Access Control: Its Expression and Enforcement Through Hybrid Logic	Glenn Bruns (Bell Lab), Philip W. L. Fong (U of Calgary), Michael Huth (Imperial College London), Ida Siahaan (U of Calgary)	
	Bounding Trust in Reputation Systems with Incomplete Information	Xi Gong, Ting Yu (NC state U), Adam Lee (U of Pittsburgh)	
	The Privacy in the Time of the Internet: Secrecy vs Transparency	Murillo Pontual, Andreas Gampe, Omar Chowdhury, Bazoumana Kone, Md. Shamim Ashik, William Winsborough (UTSA)	
	Cookie-based Privacy Issues on Google Services	Vincent Toubiana, Vincent Verdot (Alcatel-Lucent Bell Labs France)	
	Refinement-based Design of a Group-centric Secure Information Sharing Model	Wanying Zhao, Jianwei Niu, William Winsborough (UTSA)	
	<b>Coffee Break</b>		<b>10:00 – 10:30</b>
<b>Session 5</b>	<b>Novel Techniques for Access Control</b> <b>Session Chair: Alexander Pretschner (Karlsruhe Institute of Technology)</b>		<b>10:30 – 12:00</b>
	Risk-Based Security Decisions Under Uncertainty	Ian Molloy (IBM Research), Luke Dickens (Imperial College London), Charles Morisset (IIT–CNR), Pau-Chen Cheng (IBM T.J Watson Research), Jorge Lobo (IBM Research), Alessandra Russo (Imperial College London)	
	Quantitative Access Control with Partially-Observable Markov Decision Processes	Fabio Martinelli, Charles Morisset (IIT–CNR)	
	Role Engineering: From Theory to Practice	Vijay Atluri (Rutgers U), Alessandro Colantonio (Bay31), Jaideep Vaidya (Rutgers U), Nino Vincenzo Verde (Università di Roma Tre)	
	<b>Lunch</b>		<b>12:00 – 1:30</b>
<b>Panel</b>	<b>Panel:</b> <b>Session Chair: Ravi Sandhu (UTSA)</b>		<b>1:30 – 2:30</b>
	Title: DASPY Grand Challenges	Elisa Bertino (Purdue University), Alexander Pretschner (Karlsruhe Institute of Technology), Bhavani Thuraisingham (University of Texas at Dallas), Giovanni Vigna (University of California in Santa Barbara)	
	<b>Coffee Break</b>		<b>2:30 – 3:00</b>
<b>Session 6</b>	<b>Novel Applications of Privacy Techniques</b> <b>Session Chair: Danfeng Yao (Virginia Tech)</b>		<b>3:00 – 5:00</b>

	Privacy Streamliner: A Two-Stage Approach to Improving Algorithm Efficiency	Wen Ming Liu, Lingyu Wang (Concordia U)	
	Privacy Analysis using Ontologies	Martin Kost, Johann-Christoph Freytag (Humboldt-Universität zu Berlin)	
	S2A: Secure Smart Household Appliances	Yuxin Chen (ETH Zurich), Bo Luo (U of Kansas)	
	Protecting Health Information on Mobile Devices	Musheer Ahmed, Mustaque Ahamad (Georgia Tech)	
	<b>Conference Reception</b>		<b>6:00 – 8:00</b>
<b>Day 3</b>			
	<b>Breakfast</b>		<b>7:30 – 8:30</b>
<b>Session 7</b>	<b>Short Papers Session 2</b> <b>Session Chair: Jaehong Park (UTSA)</b>		<b>8:30 – 10:00</b>
	Efficient Run-time Solving of RBAC User Authorization Queries: Pushing the Envelope	Alessandro Armando, Fatih Turkmen, Silvio Ranise (Security & Trust Unit, FBK, Trento), Bruno Crispo (DISI, U of Trento)	
	A Model-Theoretic Approach to Data Anonymity and Inference Control	Konstantine Arkoudas, Akshay Vashist (Telcodia Research)	
	Towards End-to-End Secure Content Storage and Delivery with Public Cloud	Huijun Xiong (Virginia Tech), Xinwen Zhang, Wei Zhu (Huawei Research), Danfeng Yao (Virginia Tech)	
	SecDS : A Secure EPC Discovery Service System in EPCglobal Network	Jie Shi, Darren Sim, Yingjiu Li, Robert Deng (Singapore Management U)	
	Identifying Native Applications with High Assurance	Hussain Almohri, Danfeng Yao, Dennis Kafura (Virginia Tech)	
	<b>Coffee Break</b>		<b>10:00 – 10:30</b>
<b>Session 8</b>	<b>Novel Techniques for Data Security and Privacy</b> <b>Session Chair: Ram Krishnan (UTSA)</b>		<b>10:30 – 12:30</b>
	An Information Theoretic Privacy and Utility Measure for Data Sanitization Mechanisms	Mina Askari, Reihaneh Safavi-Naini, Ken Barker (U of Calgary)	
	SWIPE: Eager Erasure of Sensitive Data in Large Scale Systems Software	Kalpana Gondi, Prithvi Bisht, Praveen Venkatachari, A. Prasad Sistla, Venkat Venkatakrishnan (University of Illinois at Chicago)	
	Leakage-Free Redactable Signatures	Ashish Kundu, Mikhail Atallah, Elisa Bertino (Purdue U)	
	Detecting Repackaged Smartphone Applications in Third-Party Android Marketplaces	Wu Zhou, Yajin Zhou, Xuxian Jiang, Peng Ning (NC State U)	
	<b>Closing</b>		<b>12:30</b>