

Ewa Syta

Assistant Professor
Department of Computer Science, Trinity College
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Education	<i>Ph.D. in Computer Science</i>	2015
	Yale University, New Haven, CT – Advisors: Dr. Bryan A. Ford and Dr. Michael J. Fischer – Dissertation: Identity Management through Privacy-Preserving Authentication	
	<i>M.Phil. in Computer Science</i>	2014
	Yale University, New Haven, CT	
	<i>M.S. in Computer Information Technology</i>	2009
	Central Connecticut State University, New Britain, CT	
	<i>B.S. and M.S. in Computer Engineering with a specialization in Cryptology</i>	2007
	Military University of Technology, Warsaw, Poland	
Work and Teaching Experience	<i>Assistant Professor of Computer Science</i>	07/2016 - present
	Trinity College, Hartford, CT	
	<i>Visiting Research Assistant Professor of Computer Science</i>	05/2019 - 08/2020
	Hosted by Prof. Amir Herzberg University of Connecticut, Storrs, CT	
	<i>Research Scientist (Advisor)</i>	05/2017 - 05/2019
	DFINITY / String Labs	
	<i>Associate Research Scientist</i>	01/2016 - 06/2016
	Yale University, New Haven, CT	
<i>Computer Science Lecturer</i>	01/2016 - 06/2016	
Yale University, New Haven, CT		
<i>Teaching Fellow</i>	01/2012 - 12/2015	
Yale University, New Haven, CT		
<i>Computer Science Instructor</i>	08/2009 - 08/2011	
Central Connecticut State University, New Britain, CT		
<i>Graduate Assistant</i>	01/2008 - 05/2009	
Central Connecticut State University, New Britain, CT		
Research Interests	Privacy-preserving online identity management. Provable security for real-world systems. Asynchronous coordination and consensus.	

Teaching Interests	Cryptography and computer security. Programming languages and software design. Legal, social, and ethical issues in computing.	
Grants	<i>DFINITY Foundation</i> Consensus and Beyond: Building Secure, Reliable and Decentralized Protocols at Internet Scale	2018
	<i>Faculty Research Program Grant</i> (internal) AnonOTR: Anonymity Off-the-Record	2017
	<i>Student Research Program Grant</i> (internal) AAProxy: Anonymous Authentication Proxy	2017
	<i>Student-Initiated Research Grant</i> (internal) Karishma Asthana '18, Neural Networks and Continuous Authentication: Increasing Security, Performance, and Usability	2017
Honors and Awards	Winner of the Yale Computer Science Department Graduate Teaching Award for the 2014-2015 academic year	2015
	Selected to participate in the 2015 Rising Stars in EECS: Academic Career Workshop for Women held at MIT	2015
	Received a student travel award to attend the 2015 Privacy Enhancing Technologies Symposium (PETS)	2015
	Invited and attended the 3rd Censorship Measurement Workshop	2014
	Selected to attend and awarded a travel grant for Women in Theory Workshop	2014
	Received a student travel grant to attend the 20th ACM Conference on Computer and Communications Security	2013
	Nominated, selected to attend and awarded a travel grant for the 1st Heidelberg Laureate Forum in Germany	2013
	Invited and attended the DIMACS Working Group on Measuring Anonymity	2013
	Received a student travel grant to attend the 34th IEEE Symposium on Security and Privacy	2013
	Selected to attend and awarded a travel grant for the GREPSEC workshop endorsed by IEEE Computer Society and sponsored by NSF, CRA-W/CDC and Microsoft Research	2013
	Nominated by Yale University for the 2013 Google US/Canada Ph.D. Fellowship	2013
	Invited and attended the United Nations ECOSOC Youth Forum 2013: Shaping tomorrow's innovators: Leveraging science,	2012

	technology, innovation and culture for todays youth	
	Received a student travel award to attend the 32nd International Cryptology Conference - Crypto'12	2012
	Received the Frederick W. Vanderbilt Fellowship	2012
	Received the 2011/2012 Yale University Sheffield Scholarship	2011
	My paper <i>Continuous RFID-based Authentication and its Privacy Implications</i> , presented at the IEEE International Symposium on Technology and Society: Social Implications of Emerging Technologies was chosen for publication by the IEEE Technology and Society Magazine featuring five best papers from that conference	2011
	Invited and presented my master's thesis findings at the Institute of Mathematics of the Polish Academy of Sciences	2007
	Defended master's thesis with distinction	2007
Professional Service	<i>Program Committee Member</i> Financial Cryptography and Data Security 2022 (FC)	2021
	<i>Program Committee Member</i> ACM Conference on Computer and Communications Security (CCS)	2021
	<i>External Program Committee Member</i> USENIX Symposium on Operating Systems Design and Implementation (OSDI)	2021
	<i>Program Committee Member</i> ARES - International Conference on Availability, Reliability and Security, International Workshop on Cyber Crime (IWCC)	2021
	<i>Program Committee Member</i> IEEE Symposium on S&P - International Workshop on Traffic Measurements for Cybersecurity (WTMC)	2021
	<i>Referee</i> Cybersecurity textbook manuscript review, World Scientific Publishing Company	2020
	<i>Reviewer</i> IEEE Internet Computing Journal	2020
	<i>Program Committee Member</i> ARES - International Conference on Availability, Reliability and Security, International Workshop on Cyber Crime (IWCC)	2020
	<i>Program Committee Member</i> IEEE Euro S&P - International Workshop on Traffic Measurements for Cybersecurity (WTMC)	2020
	<i>Reviewer</i> Privacy Enhancing Technologies Symposium (PETS)	2020

<i>Program Committee Member</i> International Workshop on Cryptocurrencies and Blockchain Technology (CBT), co-located with ESORICS	2019
<i>Program Committee Member</i> ARES - International Conference on Availability, Reliability and Security, International Workshop on Cyber Crime (IWCC)	2019
<i>Program Committee Member</i> RADIMCC - Recent Advances in Detection, Investigation and Mitigation of Cyber Crimes (J.UCS)	2019
<i>Program Committee Member</i> IEEE INFOCOM - Workshop on Cryptocurrencies and Blockchains for Distributed Systems (CryBlock)	2019
<i>Program Committee Member</i> ACM SIGCOMM - International Workshop on Traffic Measurements for Cybersecurity (WTMC)	2019
<i>Program Committee Member</i> BlockSEA18: Workshop on Blockchain and Sharing Economy Applications (Co-located with IEEE ICDM)	2018
<i>Program Committee Member</i> ARES - International Conference on Availability, Reliability and Security, International Workshop on Cyber Crime (IWCC)	2018
<i>Program Committee Member</i> ACM SIGCOMM - International Workshop on Traffic Measurements for Cybersecurity (WTMC)	2018
<i>Program Committee Member</i> ACM Mobisys - Workshop on Cryptocurrencies and Blockchains for Distributed Systems (CryBlock)	2018
<i>Reviewer</i> European Symposium on Research in Computer Security (ESORICS)	2018
<i>Program Committee Member</i> ACM Conference on Computer and Communications Security (CCS)	2017
<i>Program Committee Member</i> International Conference on Cryptography and Security Systems (C&SS)	2017
<i>Program Committee Member</i> Workshop on Big Data Analytics for Information Security (BigDAISy)	2017
<i>Program Committee Member</i> ARES - International Conference on Availability, Reliability and Security, International Workshop on Cyber Crime (IWCC)	2017
<i>Program Committee Member</i> USENIX Workshop on Free and Open Communications	2016

	on the Internet (FOCI)	
	<i>Program Committee Member</i> ARES - International Conference on Availability, Reliability and Security, International Workshop on Cyber Crime (IWCC)	2016
	<i>Reviewer</i> IEEE Computer Security Foundations Symposium (CSF)	2014
	<i>Reviewer</i> ACM Symposium on Principles of Distributed Computing (PODC)	2014
College and Department Service	<i>Library and Information Technology Committee</i>	2020 -
	<i>Faculty Advisory Group - Student Accessibility Resources</i>	2017 -
	<i>Computer Science Club Advisor</i>	2017 -
Organized Events (Service)	<i>Computer Science Talks</i> by Christy Boyle '15 (Accenture) by Claudia Trafton '16 (Microsoft) by Karishma Asthana '18 (Cybereason) by Will Estony '21 (Fairmarkit) by Dave Garten '82 P'22 (Portland State University)	Fall 2021
	<i>Computer Science and Engineering Internship and Job Prep Series</i> by Fede Cedolini '22 (CS, Cyber Summer Associate, Stroz Friedberg) by Brian Gartner '22 (CS, Software Development Engineer Intern, Amazon) by Rakan AlZagha '22 (CS, Research Intern, Microsoft) by Iryna Onyshko '22 (CS, Service Development Intern, Hybrid Pathways) by Christian Autor '22 (CS, Software Engineering Intern, Alarm.com)	Fall 2021
	<i>Computer Science Talk</i> Applying for Internships and Jobs during COVID by Sybil Li '17 (Google) and Yisheng Cai '16 (Amazon)	Fall 2020
	<i>Computer Science Talk</i> From Trinity to the real world - A job search journey by Simran Sheth '19 (CVS Health)	Fall 2020
	<i>Computer Science Talk</i> Preparing to be a Software Engineer Basileal Imana '17 (University of Southern California)	Fall 2020
	<i>Computer Science Talk</i> How to capture the value you create? CS & Entrepreneurship by Saumik Tawari '20 (Better Financial Corp.)	Fall 2020
	<i>Computer Science and Engineering Internship and Job Prep Series</i> Internship Search, Prep and Real Experiences by Skyler Szot '21 (Engineering Intern, Los Alamos and NASA) by Will Estony '21 (Software Engineer Intern, Fairmarkit) by Bettina King-Smith '21 (TechStart Intern, Liberty Mutual)	Fall 2020

by Hunter Moore '21 (Intern, Raytheon)

Computer Science Meeting Fall 2020
Women in Computer Science Social

Computer Science Talk Fall 2019
Demystifying Silicon Valley: A Personal Journey
by Sybil Li '17, Google

Computer Science Talk Fall 2019
Becoming a Software Engineer: What it takes and How to Succeed
by Yisheng Cai '16, Lifion by ADP

Computer Science Talk Fall 2019
What to Expect as a Software Engineer”
by Alex Johnson '18 Jane, Street Capital

Computer Science Talk Fall 2019
How to Succeed (and Possibly Make History) in Technology
by Peter Bradley '87, Pratt & Whitney

Computer Science Talk Fall 2019
What it means to go into cybersecurity and how to chart your path there
by Joe Bazeley, Trinity College and Wesleyan University

Computer Science Talk Fall 2019
Using technology for good: Learn cloud, AI, blockchain, and IoT to build
your career and save lives
by Daniel Krook '00, IBM

Computer Science Talk Fall 2019
The First Decade of Your Engineering Career; A (hopefully) Fresh Perspective
by Christian Clark Michel '10, Energy Solutions

Computer Science and Engineering Internship and Job Prep Series Fall 2019
Internship Search, Prep and Real Experiences
by Katherine Bullock '20 (ENG, Internship at Collins Aerospace)
by Maria Bouch '20 (ENG, Internship at Collins Aerospace)
by Matthew Solomon '22 (CS, Product Management Intern at Infosys)
by Edson Zandamela '20 (CS, Software Testing Intern at Infosys)
by Quinn Luong '21 (CS, Software Development Intern at Bank of America)
by Will Estony '21 (CS, Dev Ops Intern at Intelligent Artifacts)
by Lucy Matz '20 (CS, Technical Sales Intern at Intel)
by Zorawar Moolenaar '20 (CS, Software Engineering Intern at Managed by Q)
by Seb Kryspin '20 (CS, Security Operations Intern at IBM)
by Hiro Tamada '20 (CS, Software Engineering Intern at Chatham Financial / PaperlessParts)

Computer Science Meeting Spring 2019
Women in Computer Science Social

Computer Science Talk Spring 2019
Understanding Kubernetes: Fundamentals
by Jonathan Johnson, Intelligent Artifacts

<p><i>Computer Science Talk</i> Leveraging AI to Create a Cyber Immune System by Will Snape '18, Darktrace</p>	Spring 2019
<p><i>Computer Science Talk</i> The Importance of Managing Open Source Security in Software Development by Lou Shipley '85, Black Duck Software</p>	Fall 2018
<p><i>Computer Science Meeting</i> Women in Computer Science Social with Nancy Davis '79</p>	Fall 2018
<p><i>Computer Science Talk</i> Liberal Arts and Technology or How French Cinema Landed My First Job by Eric Shafer '93, IndoorMedia</p>	Fall 2018
<p><i>Computer Science Internship and Job Prep Series</i> Preparing CS majors for Jobs and Internships: Road to Thermo Fisher Scientific by Norah Do '18, Thermo Fisher Scientific From the Liberal Arts to Big Data by Dylan Spagnuolo '17, The Hartford</p>	Fall 2018
<p><i>Computer Science Internship and Job Prep Series</i> Internship Search, Prep and Real Experiences by Will Estony '21 (at Safe Banking Systems / Accuity Inc.) by Jin Pyo Jeon '19 (at Isoplexis and Veson Nautical) and by Brendan Lynch '20 (at Georgia Ports Authority)</p>	Fall 2018
<p><i>Computer Science Internship and Job Prep Series</i> Grace Hopper Conference Report by Lucy Matz '20, Kalsang Sherpa '20 and Quinn Luong '21</p>	Fall 2018
<p><i>Computer Science Internship and Job Prep Series</i> Internship Search, Prep and Real Experiences by Zorawar Moolenaar '20</p>	Fall 2018
<p><i>Computer Science Talk</i> Becoming a Software Engineer: Real-World Perspective by Jonathan Johnson, Thermo Fisher Scientific</p>	Spring 2018
<p><i>Computer Science Meeting</i> Women in Computer Science and Engineering Social</p>	Spring 2018
<p><i>Computer Science Internship Prep Series</i> Internship Search, Prep and Real Experiences by Alexander Johnson '18 (at Facebook) and by Yinghuan Wang '18 (at Facebook)</p>	Fall 2017
<p><i>Computer Science Internship Prep Series</i> Internship Search, Prep and Real Experiences by Anastasija Mensikova '18 (at NASA Jet Propulsion Laboratory) and by Karishma Asthana '18 (at Ping Identity)</p>	Fall 2017
<p><i>Computer Science Internship Prep Series</i> Internship Search, Prep and Real Experiences by Norah Do '18 (at Core Informatics)</p>	Fall 2017

and by Kalyan Parajuli '18 (at Acuity Brands)

Computer Science Meeting Fall 2017
Women in Computer Science Social

Computer Science Meeting Spring 2017
Women in Computer Science Social

Computer Science Talk Fall 2016
Cybersecurity Risks, Trends and Strategies by Nancy Davis '79, UTC

Computer Science Meeting Fall 2016
Women in Computer Science Social

Student Research and Project Supervision *Tyler O. Brennan '22, Brian A Garten '22 and Iryna Onyshko'22* 2021/2022
Senior Project: Tattool: The (Security) Analyst Tool

Fede Cedolini '22 2021/2022
Senior Project: Fibermap: Mapping the Conduit Infrastructure on the Trinity College Campus

Emily Capprini '22 2021/2022
Senior Project: Off Market Real Estate Tracker

Fede Cedolini '22 Spring 2021
Independent Study: Provably-secure Public Key Infrastructure

Emily Murphy '22 and Nur Khan '23 Spring 2021
Mentorship and Independent Study: Trinity College Technology and Leadership Internship

Will Estony '21 and Erkin Verbeek '21 2020/2021
Senior Project: An Efficient and Intuitive Ticketing System for Trinity Cinestudio

Edwin Aldrich '21, Logan Drescher '21 and Bettina King-Smith '21 2020/2021
Senior Project: Besucha: Better Enrollment Software Using a Conflict Handling Algorithm

Quinn Luong '21 2020/2021
Senior Project: Process-oriented Art Journaling Application

Fede Cedolini '22 Fall 2020
Independent Study: Active Directory Security

Gabby Rogers '21 and Thu Bui '21 Spring-Summer 2020
Research Project: Digital Natives and Mobile Phones: A Survey of Practices and Attitudes about Privacy and Security, A 10-Year Perspective

Zorawar Moolenaar '20 Spring 2020
Research Project: Provably Secure Public Key Infrastructure

Emily Capprini '22 Spring 2020

Mentorship and Independent Study: Trinity College Technology and Leadership Internship	
<i>Brendan Lynch '20</i> Independent Study: Real-time Information Systems for Supply Chain Management	Spring 2019
<i>Zorawar Moolenaar '20</i> Independent Study: Privacy, Security and Scalability Issues in Distributed Systems	Fall 2018
<i>Lucas Pires (EPFL)</i> Master's Thesis: Integrating DAGA in the Cothority Framework and Using it for a Login Service External advisor and reviewer	2018/2019
<i>Joyce Zhan '19</i> Senior Project: The Tristy: Trinity Dining Services Review and Reporting Service Powered by Student-Sourced Feedback	2018/2019
<i>Simran Sheth '19</i> Senior Project: Robin Food: Just-in-time Matching of Donors and Recipients	2018/2019
<i>Tess Starr '19</i> Senior Project: Trinity College Student Navigation and Accessibility Resources App	2018/2019
<i>Brian Cieplicki '19</i> Senior Project: Connecting Senior Citizens and ESL Learners via Chat and Language Learning Service	2018/2019
<i>Arthur Villard (EPFL)</i> Master's Thesis: Forward-secrecy for Proof-Of-Personhood (POP) External advisor and reviewer	2017/2018
<i>Ngoc Do '18</i> Independent Study: Cloud Computing and AWS	Spring 2018
<i>Alexander Johnson '18</i> Senior Project: Secure and Efficient Residency Evaluation Manager for Saint Francis Hospital <i>Winner of the Travelers Best CS Senior Project Award</i>	2017/2018
<i>Karishma Asthana '18</i> Senior Project: An Application of Artificial Neural Networks to Continuous Authentication <i>Runner-up of the Travelers Best CS Senior Project Award</i>	2017/2018
<i>Ngoc Do '18</i> Senior Project: Interactive Raether Map	2017/2018
<i>Ebenezer Hormenou '18</i> Senior Project: Trauma Registry Data Analysis Tool	2017/2018

for Saint Francis Hospital

Kalyan Parajuli '18 2017/2018
Senior Project: CollegeThrift: Privacy-Friendly Used Goods
Portal for Colleges

Ngoc Do '18 Fall 2017
Independent Study: Databases: Current Practices and New Developments

Brian Cieplicki '19 and Zorawar Moolenaar '20 Summer 2017
Summer Research Program: AAProxy: Anonymous
Authentication Proxy

Ngoc Do '18 Summer 2017
Internship Advisor, Core Informatics

Karishma Asthana '18 Spring 2017
Independent Study: Applications of Neural Networks to Secure
Biometrics

Kalyan Parajuli '18 Spring 2017
Independent Study: Improving Security and Performance
of Biometric Authentication

Basileal Imana '17 2016/2017
Senior Project: TrinReport: A Secure Channel for Reporting
Incidents to Campus Authorities
Runner-up of the Travelers Best CS Senior Project Award

Adam Krog '17 2016/2017
Senior Project: Meza: Smart Alarm Clock

Soham Madnani '17 2016/2017
Senior Project: Off The Grid: Secure Group Messaging

Phongpol Punyagupta '17 2016/2017
Senior Project: Noteworthy: Computer Assisted Memory
Wearable Device

**Community
Engagement**

Member 10/2009 - present
Connecticut Computer Science Teacher Association

Journals

E. Syta, A. Johnson, H. Corrigan-Gibbs, S. Weng, D. Wolinsky, and B. Ford, *Security Analysis of Accountable Anonymous Group Communication in Dissent*, ACM Transactions on Information and System Security (TISSEC), Volume 17 Issue 1, 2014 Article No. 4

S. Kurkovsky and E. Syta, *Continuous RFID-based Authentication and its Privacy Implications*, IEEE Technology and Society Magazine, 2011 (extended version of S. Kurkovsky and E. Syta, *Continuous RFID-based Authentication and its Privacy Implications*, IEEE International Symposium on Technology and Society: Social Implications of Emerging Technologies).

Conferences and Workshops

- A. Herzberg, H. Leibowitz, E. Syta, S. Wrótniak, MoSS: Modular Security Specifications Framework, IACR Annual International Cryptology Conference (CRYPTO), 2021
- E. Kokoris-Kogias, E. Ceyhun Alp, L. Gasser, P. Jovanovic, E. Syta, B. Ford, CALYPSO: Private Data Management for Decentralized Ledgers, International Conference on Very Large Data Bases (VLDB), 2020
- E. Kokoris-Kogias, P. Jovanovic, L. Gasser, N. Gailly, E. Syta, B. Ford, OmniLedger: A Secure, Scale-Out, Decentralized Ledger via Sharding, 39th IEEE Symposium on Security and Privacy (S&P), 2018
- E. Kokoris-Kogias, P. Jovanovic, L. Gasser, N. Gailly, E. Syta, B. Ford, OmniLedger: A Secure, Scale-Out, Decentralized Ledger via Sharding, Scaling Bitcoin (Tokyo) Workshop, 2018 (*no proceedings*)
- E. Kokoris-Kogias, P. Jovanovic, L. Gasser, N. Gailly, E. Syta, B. Ford, Scalable and Efficient Distributed Ledgers, 1st Crypto Economics Security Conference (CESC), UC Berkeley, 2017 (*no proceedings*)
- E. Syta, P. Jovanovic, E. Kokoris Kogias, N. Gailly, L. Gasser, I. Khoffi, M. Fischer, and B. Ford, Scalable Bias-Resistant Distributed Randomness, 1st Crypto Economics Security Conference (CESC), UC Berkeley, 2017 (*no proceedings*)
- E. Syta, P. Jovanovic, E. Kokoris Kogias, N. Gailly, L. Gasser, I. Khoffi, M. Fischer, and B. Ford, Scalable Bias-Resistant Distributed Randomness, 38th IEEE Symposium on Security and Privacy (S&P), 2017
- E. Syta, I. Tamas, D. Visher, D. Wolinsky, L. Gasser, N. Gailly and B. Ford, Keeping Authorities “Honest or Bust” with Decentralized Witness Cosigning, 37th IEEE Symposium on Security and Privacy (S&P), 2016
- E. Zhai, D. Wolinsky, R. Chen, E. Syta, C. Teng and B. Ford, AnonRep: Towards Tracking-Resistant Anonymous Reputation, 13th USENIX Symposium on Networked Systems Design and Implementation (NSDI), 2016
- E. Syta, M. Fischer, D. Wolinsky, A. Silberschatz, G. Gallegos Garcia and B. Ford, Private Eyes: Secure Remote Biometric Authentication, 12th International Conference on Security and Cryptography (SECRYPT), 2015
- E. Syta, I. Tamas, D. Visher, D. Wolinsky, and B. Ford, Certificate Cothority: Towards Trustworthy Collective CAs, 8th Workshop on Hot Topics in Privacy Enhancing Technologies (HotPETs), 2015
- D. Wolinsky, E. Syta, and B. Ford, Hang With Your Buddies to Resist Intersection Attacks, 20th ACM Conference on Computer and Communications Security (CCS), 2013
- S. Kurkovsky and E. Syta, Monitoring of Electronic Communications at Universities: Policies and Perceptions of Privacy, 44th Hawaii International Conference on System Sciences (HICSS), 2011
- S. Kurkovsky and E. Syta, Approaches and Issues in Location-Aware Continuous Authentication, 13th IEEE International Conference on Computational Science and

Engineering, 2010

S. Kurkovsky and E. Syta, Continuous RFID-based Authentication and its Privacy Implications, IEEE International Symposium on Technology and Society: Social Implications of Emerging Technologies, 2010

S. Kurkovsky and E. Syta, Digital Natives and Mobile Phones: A Survey of Practices and Attitudes about Privacy and Security, IEEE International Symposium on Technology and Society: Social Implications of Emerging Technologies, 2010

E. Syta, S. Kurkovsky and B. Casano, RFID-based Authentication Middleware for Mobile Devices, 43rd Hawaii International Conference on System Sciences, 2010

Technical Reports

P. Tennage, C. Basescu, P. Jovanovic, E. Kokoris-Kogias, E. Syta and B Ford, Baxos: Towards Robust, Efficient and Simple State Machine Replication, Unpublished Technical Report, 2021

H. Leibowitz, H. Ghalwash, E. Syta and A. Herzberg and E. Syta, CTng: Secure Certificate and Revocation Transparency, Cryptology ePrint Archive: Report 2021/818

B. Ford, P. Jovanovic, E. Syta, Que Sera Consensus: Simple Asynchronous Agreement with Private Coins and Threshold Logical Clocks, arXiv Technical Report: arXiv:2003.02291, 2020

H. Leibowitz, A. Herzberg and E. Syta, When PKI (finally) met Provable Security, Cryptology ePrint Archive: Report 2019/807 (Revised 9/2021)

Posters and Talks

Invited Talk: E. Syta, CALYPSO: Private Data Management for Decentralized Ledgers, University of Connecticut, November 2021

Invited Talk: E. Syta, CALYPSO: Private Data Management for Decentralized Ledgers, Japan-America Frontiers of Engineering Symposium, Irvine, CA, June 2021

Invited Talk: E. Syta, CALYPSO: Private Data Management for Decentralized Ledgers, Carnegie Mellon University Distinguished Blockchain Seminar Series, April 2021

Invited Talk: E. Syta, Scaling Decentralized Ledgers via Sharding, EPFL, ETHZ and IC3 Swiss Blockchain Winter School, Interlaken, Switzerland, February 2019

Invited Talk: E. Syta, Scaling Blockchains via Public Randomness, Blockchain Workshop Series, Master Workshop Amsterdam, Research Institute, Amsterdam, Netherlands, November 2018

Invited Talk: E. Syta, Scalable Bias-Resistant Distributed Randomness, Warsaw University of Technology, Warsaw, Poland, March 2018

Invited Talk: E. Syta, Scalable Bias-Resistant Distributed Randomness, Military University of Technology, Warsaw, Poland, March 2018

Invited Talk: E. Syta, Scalable Bias-Resistant Distributed Randomness, University of Connecticut, March 2018

Invited Talk: E. Syta, Scalable Bias-Resistant Distributed Randomness, 2017 Summer Research Institute: Security and Privacy, École Polytechnique Fédérale de Lausanne (EPFL), Switzerland, June 2017

Poster: E. Syta, P. Jovanovic, E. Kokoris Kogias, N. Gailly, L. Gasser, I. Khoffi, M. Fischer, and B. Ford, Scalable Bias-Resistant Distributed Randomness, IEEE Symposium on Security and Privacy (S&P 2017), May 2017

Talk: E. Syta, Certificate Cothority: Towards Trustworthy Collective CAs, Trinity College, February 2016

Poster: E. Syta, Certificate Cothority: Towards Trustworthy Collective CAs, Rising Stars in EECS Workshop, MIT, November 2015

Talk: E. Syta, Decentralizing Authorities into Scalable Strongest-Link Cothorities, Yale University, April 2015

Talk: E. Syta, Collective Co-Signing for Scalable Decentralized Services, Mini-Workshop on Ongoing Research Activities Related to Privacy and Security, École Polytechnique Fédérale de Lausanne (EPFL), Switzerland, March 2015

Talk: E. Syta, Securing Distributed Randomness from Active Bias Attacks, Yale University, February 2014

Poster: E. Syta and B. Ford, Deniable Anonymous Group Authentication, 2013 IEEE Symposium Security and Privacy, May 2013

Talk: E. Syta, Deniable Anonymous Group Authentication, Yale University, November 2012

Poster: E. Syta and S. Kurkovsky, RFID-Based Continuous Authentication Framework, IEEE-CT Computing in Connecticut and Beyond Symposium, April 2011

Talk: E. Syta, RFID-based Authentication Middleware for Mobile Device, 13th Annual Faculty Research Conference “Looking Towards the Future of CSUS Research”, Central Connecticut State University, April, 2010

Poster: E. Syta, Authentication Methods for Mobile Devices, Graduate Research and Creative Presentation Day at Central Connecticut State University, May 2009

Poster: E. Syta, Constraint Satisfaction Problem: An Overview and Applications in Artificial Intelligence and Cryptology, Graduate Research and Creative Presentation Day at Central Connecticut State University, May 2008

Talk: An Application of Zero Knowledge Proofs in the Process of Authentication, Institute of Mathematics of the Polish Academy of Sciences, April 2007. More information: www.impan.pl/Kryptologia