

Sebastian Zimmeck

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Publications

17. **Analyzing Privacy Policies at Scale: From Crowdsourcing to Automated Annotations**
Shomir Wilson, Florian Schaub, Frederick Liu, Kanthashree Mysore Sathyendra, Daniel Smullen, Sebastian Zimmeck, Rohan Ramanath, Peter Story, Fei Liu, Norman Sadeh, and Noah A. Smith
ACM Transactions on the Web (**TWEB**), August 2018
16. **Which Apps have Privacy Policies?**
Peter Story, Sebastian Zimmeck, and Norman Sadeh
6th Annual Privacy Forum (**APF**), Barcelona, Spain, June 2018 (also presented at PrivacyCon 2018 and published as Tech Report, CMU-ISR-18-100)
15. **Towards Automatic Classification of Privacy Policy Text (Short Paper)**
Frederik Liu, Shomir Wilson, Peter Story, Sebastian Zimmeck, and Norman Sadeh
Tech Report, CMU-ISR-17-118R, CMU-LTI-17-010, Pittsburgh, PA, USA, June 2018
14. **Identifying the Provision of Choices in Privacy Policy Text (Short Paper)**
Kanthashree Mysore Sathyendra, Shomir Wilson, Florian Schaub, Sebastian Zimmeck, and Norman Sadeh
Conference on Empirical Methods in Natural Language Processing (**EMNLP**), Copenhagen, Denmark, September 2017
13. **A Privacy Analysis of Cross-device Tracking**
Sebastian Zimmeck, Jie S. Li, Hyungtae Kim, Steven M. Bellovin, and Tony Jebara
26th USENIX Security Symposium (**USENIX Security**), Vancouver, BC, CA, August 2017
12. **Using Machine Learning to Improve Internet Privacy**
Sebastian Zimmeck
Columbia University Academic Commons, New York, NY, USA, March 2017

11. **Automated Analysis of Privacy Requirements for Mobile Apps**
Sebastian Zimmeck, Ziqi Wang, Lieyong Zou, Roger Iyengar, Bin Liu, Florian Schaub, Shomir Wilson, Norman Sadeh, Steven M. Bellovin, and Joel Reidenberg
24th Network & Distributed System Security Symposium (**NDSS**), San Diego, CA, USA, February 2017 (also presented at SOUPS 2017, PrivacyCon 2017 and PLT 2016)
10. **The Creation and Analysis of a Website Privacy Policy Corpus**
Shomir Wilson, Florian Schaub, Aswarth Abhilash Dara, Frederick Liu, Sushain Cherivirala, Pedro Giovanni Leon, Mads Schaarup Andersen, Sebastian Zimmeck, Kanthashree Mysore Sathyendra, N. Cameron Russell, Thomas B. Norton, Eduard Hovy, Joel Reidenberg, and Norman Sadeh
54th Annual Meeting of the Association for Computational Linguistics (**ACL**), Berlin, Germany, August 2016
9. **Demystifying Privacy Policies with Language Technologies: Progress and Challenges**
Shomir Wilson, Florian Schaub, Aswarth Dara, Sushain K. Cherivirala, Sebastian Zimmeck, Mads Schaarup Andersen, Pedro Giovanni Leon, Eduard Hovy, Norman Sadeh
LREC 1st Workshop on Text Analytics for Cybersecurity and Online Safety 2016 (**TA-COS**), Portorož, Slovenia, May 2016
8. **“I don’t have a photograph, but you can have my footprints.” – Revealing the Demographics of Location Data**
Chris Riederer, Sebastian Zimmeck, Coralie Phanord, Augustin Chaintreau, and Steven M. Bellovin
3rd ACM Conference on Online Social Networks (**COSN**), Palo Alto, CA, USA, November 2015 (also presented at ICWSM 2015, PLSC 2015, NetMob 20015, and COSN 2014)
7. **Privee: An Architecture for Automatically Analyzing Web Privacy Policies**
Sebastian Zimmeck and Steven M. Bellovin
23rd USENIX Security Symposium (**USENIX Security**), San Diego, CA, USA, August 2014 (also presented at PLSC 2014 and FoPNaC 2014)
6. **When Enough is Enough: Location Tracking, Mosaic Theory, and Machine Learning**
Steven M. Bellovin, Renée M. Hutchins, Tony Jebara, and Sebastian Zimmeck
8 N.Y.U. J.L. Liberty, 556 (2014) (also presented at PLSC 2013)
5. **The Information Privacy Law of Web Applications and Cloud Computing**
Sebastian Zimmeck
29 Santa Clara Computer & High Tech. L.J. 451 (2013)
4. **A Game-theoretic Model for Reasonable Royalty Calculation**
Sebastian Zimmeck
22 Alb. L.J. Sci. & Tech. 357 (2012)
3. **Use of Functional Claim Elements for Patenting Computer Programs**
Sebastian Zimmeck
12 J. High Tech. L. 168 (2011)

2. **Patent Eligibility of Programming Languages and Tools**
Sebastian Zimmeck
 13 Tul. J. Tech. & Intell. Prop. 133 (2010)
1. **Grundlagen der Nutzungsrechtsübertragung an Urheberrechtlich Geschützten Computerprogrammen durch den Lizenznehmer**
Sebastian Zimmeck
 1 ZGE 324 (2009)

Talks

7. **A Random Walk Down Silicon Alley**
 - November 15, 2018, Financial Economics Study Group, Wesleyan University
6. **A Privacy Analysis of Cross-device Tracking**
 - August 18, 2017, 26th USENIX Security Symposium (USENIX Security), Vancouver, BC, CA
 - February 2, 2017, Current Topics in Privacy Seminar, Carnegie Mellon University
5. **Automated Privacy Requirement Analysis for Mobile Apps**
 - July 12, 2017, 13th Symposium on Usable Privacy and Security (SOUPS) (Tutorial and Poster Session), Santa Clara, CA
 - June 1, 2017, Privacy Law Scholars Conference 2017, Berkeley, CA
 - January 12, 2017, PrivacyCon 2017, Washington, DC
 - November 17, 2016, AAAI Fall Symposium 2016, Arlington, VA
 - November 16, 2016, Societal Computing Practicum, Carnegie Mellon University
 - October 27, 2016, Current Topics in Privacy Seminar, Carnegie Mellon University
4. **Privacy Implications of Machine Learning**
 - February 24, 2016, COMS W3410 - Computers and Society, Columbia University
3. **Privee: An Architecture for Automatically Analyzing Web Privacy Policies**
 - August 6, 2015, CUPS Lunchtime Seminar, Carnegie Mellon University
 - February 13, 2015, Google PhD Summit (Poster Session Talk), Google New York City
 - December 3, 2014, Department of Computer Science, Stony Brook University
 - September 17, 2014, Privacy Research Group, New York University
 - August 20, 2014, 23rd USENIX Security Symposium (USENIX Security), San Diego, CA
 - June 6, 2014, Privacy Law Scholars Conference 2014, Berkeley, CA
2. **Leveraging Technology to Improve Notice and Choice**
 - June 27, 2014, FoPNaC 2014, Carnegie Mellon University (Panel Discussion)
1. **When Enough is Enough: Location Tracking, the Fourth Amendment, and Machine Learning**
 - March 28, 2014, IGERT Distinguished Speaker Series, Columbia University

Program Committee Service

AAAI 2019 Spring Symposium on Privacy-Enhancing Artificial Intelligence and Language Technologies

External Review Service

International World Wide Web Conference (WWW), 2018

Privacy Enhancing Technologies Symposium (PETS), 2016

ACM Transactions on Information and System Security (TISSEC), 2015

IEEE Security & Privacy (S&P), 2013

20th ACM Conference on Computer and Communications Security (CCS), 2013

1st ACM Conference on Online Social Networks (COSN), 2013

Research & Work Experience

Wesleyan University, Department of Mathematics and Computer Science

2018 – present: Assistant Professor of Computer Science

Carnegie Mellon University, School of Computer Science, Institute for Software Research

2016 – 2018: Postdoctoral Associate

2015: Visiting Researcher

Columbia University, Department of Computer Science

2012 – 2016: Research Assistant with Steven M. Bellovin

University of California, Berkeley Center for Law & Technology

2011, 2012, 2013: Google Research Fellow

Freshfields Bruckhaus Deringer LLP, Frankfurt, Germany

2006 – 2009: Attorney at Law

University of California, Berkeley School of Law

2005 – 2006: Research Assistant with Paul M. Schwartz

Appellate Court Celle, Germany

2003 – 2005: Training Lawyer

University of Kiel School of Law, Germany

2000 – 2003: Research Assistant with Peter Kreutz

Awards & Grants

Research Grant

2015, Comcast

Community Service Award

2014, Computer Science Department, Columbia University

Graduate Research Assistant Fellowship

2012 – 2016, Computer Science Department, Columbia University

Research Fellowship

2011, 2012, 2013, Google/Berkeley Center for Law & Technology

Student Fellowship

2005 – 2006, German Academic Exchange Service

Education**Columbia University, Graduate School of Arts & Sciences**

2012 – 2016, Ph.D. (Computer Science)

Doctoral thesis advisor: Steven M. Bellovin

Columbia University, Fu Foundation School of Engineering & Applied Science

2009 – 2011, M.S. (Computer Science)

University of California, Berkeley School of Law

2005 – 2006, Master of Laws (LL.M.)

University of Kiel School of Law, Germany

2003 – 2008, Ph.D. (Law)

University of Kiel School of Law, Germany

1998 – 2003, First State Examination (J.D.)

Expertise

Privacy, Security, Machine Learning, Web Development, Android Development, Static & Dynamic Analysis, Usability Testing, Intellectual Property, Licensing, Patents, Copyright, Trademarks, Trade Secrets, JavaScript, jQuery, PHP, Java, Python, C/C++, MySQL, R, SPSS, MS Excel VBA, Git, Xposed, Fiddler

Bar Admissions

California
Inactive Status

Frankfurt am Main
Inactive Status