Seventeenth Symposium on Usable Privacy and Security (SOUPS 2021)

August 9–10, 2021

Monday, August 9

Authentication
Towards Usable and Secure Location-based Smartphone Authentication
Please do not use !?_ or your License Plate Number: Analyzing Password Policies in German Companies
Using a Blocklist to Improve the Security of User Selection of Android Patterns
User Perceptions of the Usability and Security of Smartphones as FIDO2 Roaming Authenticators
User Attitudes and (Mis)understandings
Never ever or no matter what: Investigating Adoption Intentions and Misconceptions about the Corona-Warn-App
in Germany
Understanding Users' Knowledge about the Privacy and Security of Browser Extensions
Replication: Effects of Media on the Mental Models of Technical Users
Comparing Security and Privacy Attitudes Among U.S. Users of Different Smartphone and Smart-Speaker
Platforms
Perspectives and Policy
"How I Know For Sure": People's Perspectives on Solely Automated Decision-Making (SADM)
A Fait Accompli? An Empirical Study into the Absence of Consent to Third-Party Tracking in Android Apps 1856. Konrad Kollnig and Reuben Binns, University of Oxford; Pierre Dewitte, KU Leuven; Max Van Kleek, Ge Wang, Daniel Omeiza, Helena Webb, and Nigel Shadbolt, University of Oxford
"Whether it's moral is a whole other story": Consumer perspectives on privacy regulations and corporate data
Practices
Pursuing Usable and Useful Data Downloads Under GDPR/CCPA Access Rights via Co-Design

Inclusive Privacy and Security
Facial Recognition: Understanding Privacy Concerns and Attitudes Across Increasingly Diverse Deployment
Scenarios
"I'm Literally Just Hoping This Will Work:" Obstacles Blocking the Online Security and Privacy of Users with
Visual Disabilities
WebAlly: Making Visual Task-based CAPTCHAs Transferable for People with Visual Impairments
Designing Toxic Content Classification for a Diversity of Perspectives
Tuesday, August 10
Phishing and Account Compromise
Why They Ignore English Emails: The Challenges of Non-Native Speakers in Identifying Phishing Emails 319 Ayako A. Hasegawa, Naomi Yamashita, and Mitsuaki Akiyama, NTT ; Tatsuya Mori, $Waseda\ University\ /\ NICT\ /\ RIKEN\ AIP$
SoK: Still Plenty of Phish in the Sea $-$ A Taxonomy of User-Oriented Phishing Interventions and Avenues for
Future Research
Investigating Web Service Account Remediation Advice
Knowledge and Capabilities that Non-Expert Users Bring to Phishing Detection
Security in Practice
Code Reviewing as Methodology for Online Security Studies with Developers – A Case Study with Freelancers on
Password Storage
"I have no idea what they're trying to accomplish:" Enthusiastic and Casual Signal Users' Understanding of
Signal PINs
On the Limited Impact of Visualizing Encryption: Perceptions of E2E Messaging Security
Concerned but Ineffective: User Perceptions, Methods, and Challenges when Sanitizing Old Devices
for Disposal

Ubiquitous Computing
Exploring Authentication for Security-Sensitive Tasks on Smart Home Voice Assistants
"The Thing Doesn't Have a Name": Learning from Emergent Real-World Interventions in Smart Home Security 493 Brennen Bouwmeester, Elsa Rodríguez, Carlos Gañán, Michel van Eeten, and Simon Parkin, <i>Delft University of Technology</i>
Evaluating and Redefining Smartphone Permissions with Contextualized Justifications for Mobile Augmented Reality Apps
PowerCut and Obfuscator: An Exploration of the Design Space for Privacy-Preserving Interventions for Smart Speakers
Developers
A Qualitative Usability Evaluation of the Clang Static Analyzer and libFuzzer with CS Students and CTF Players 553 Stephan Plöger, Fraunhofer FKIE; Mischa Meier, University of Bonn; Matthew Smith, University of Bonn, Fraunhofer FKIE
Deciding on Personalized Ads: Nudging Developers About User Privacy
Benefits and Drawbacks of Adopting a Secure Programming Language: Rust as a Case Study
An Analysis of the Role of Situated Learning in Starting a Security Culture in a Software Company
Work (and Learn) from Home
Examining the Examiners: Students' Privacy and Security Perceptions of Online Proctoring Services
Virtual Classrooms and Real Harms: Remote Learning at U.S. Universities
Challenges and Threats of Mass Telecommuting: A Qualitative Study of Workers
Understanding Privacy Attitudes and Concerns Towards Remote Communications During the COVID-19
Pandemic