

Claudia Diaz, Rachel Greenstadt, and Damon McCoy

Editors' Introduction

DOI 10.1515/popets-2017-0012

It is our great pleasure to introduce the second issue of volume 2017 of PoPETs, an open access journal that publishes articles accepted to the annual Privacy Enhancing Technologies Symposium (PETS).

Starting with PETS 2015, the PET Board, which oversees PETS, decided to follow a hybrid conference-journal model following in the footsteps of PVLDB.¹ A hybrid model brings journal-style reviewing to conferences to improve the quality of published articles as well as to provide more predictable, yet rigorously peer-reviewed, paths to acceptance for authors. PoPETs publishes four issues per year, accepting submissions every three months. PoPETs' double-blind peer review process is similar to that of top tier computer security conferences, including phases for bidding, individual reviews, author rebuttals, discussion among reviewers, and consensus recommendation. Decisions are notified to authors two months after submission. Recognizing the need to increase the free, public availability of scientific publications, PoPETs is now published under the open-access Creative Commons Attribution-NonCommercial-NoDerivs license.

Articles submitted to this issue were reviewed by 83 members of the Editorial Board and 25+29 External Reviewers, all of whom are internationally recognized researchers in the field of computer security and privacy. The submitted articles, reviews, and discussion were available to all members of the editorial board that did not have a conflict of interest with the authors of the article. To identify conflicts of interest, the editorial board membership was published before submissions were opened and authors were asked to indicate members with whom any of the authors had a conflict of interest. In addition, editorial board members were asked to list the authors and institutions with which they have

conflicts of interest. Finally, the editorial board chairs also checked for missed conflicts. Editorial board members were welcome to submit articles, while the chairs were precluded from doing so.

There were 51 submissions to this issue of PoPETs, most of which were reviewed by four experts (in a few cases, articles received three or five reviews), who were either members of the editorial board, or external reviewers. About half of the submissions received one external review while for the other half all the reviewers were members of the editorial board.

Five of the 51 submissions had already been submitted to a previous PoPETs issue, and been invited to resubmit after major revisions. These 5 revised articles were re-assigned to the editorial board members that had reviewed the previous version. Additionally, two articles that had been submitted and rejected from a previous issue of the journal, were resubmitted to this issue. These revised versions were assigned the same reviewers that had evaluated it in a previous round whenever possible. Authors of resubmitted articles (either rejected or invited to do major revisions) were asked to provide a summary of changes between the prior and current version that explained how review concerns had been addressed.

Following bidding, assignments, and double-blind individual reviews, the reviews were sent to authors, who were given the opportunity to submit a rebuttal. After the rebuttal period there was a discussion among the reviewers, other members of the editorial board and the chairs, before a consensus decision on the paper was reached. One of the reviewers was then selected to write a meta-review that summarized the conclusion of the discussion and the justification for the decision.

Of the 51 submissions, 4 were accepted with minor changes and 6 were conditionally accepted subject to minor revisions. A reviewer was assigned as a shepherd for the articles that required minor revisions, to ensure that the important points from the meta-review were addressed in the camera-ready version. We owe special thanks to all the shepherds for the effort they put into ensuring that important revisions were made. All ten articles were ultimately accepted and are published in this issue, that also includes an eleventh article: "Look Before You Authorize: Using Eye-Tracking To Enforce User Attention Towards Application Permissions" was conditionally accepted for issue 1, but required extra

Claudia Diaz: KU Leuven, E-mail: claudia.diaz@esat.kuleuven.be

Rachel Greenstadt: Drexel University, E-mail: rachel.a.greenstadt@drexel.edu

Damon McCoy: New York University, E-mail: mccoy@nyu.edu

¹ <http://www.vldb.org/pvldb/index.html>

time to complete the revisions, and thus appears published in this issue.

The authors of seven other articles were invited to resubmit to a future issue of PoPETs after having made major revisions that address the issues identified in the meta-review. Provided these articles are submitted to one of the next PoPETs two submission deadlines, they will be reviewed by the same editorial board members (whenever possible) and judged against how well the authors addressed the points raised in the meta-review.

The remaining 34 articles were rejected due to flaws more serious than what could be addressed with a few concrete revisions, or due to them not being considered sufficiently close to the topics listed in the call for papers.

In all cases, the meta-review endeavored to provide constructive comments to the authors of rejected articles to allow them to improve their work. Authors are permitted to resubmit a revised version to future issues of PoPETs, and previously rejected articles are treated as new submissions. Of the 34 rejected papers, 19 were encouraged to resubmit after addressing the key points in the reviews.

The 11 accepted articles in Issue 2 of this 2017 volume, and the 10 articles published in Issue 1, will join the submissions accepted in the subsequent two issues to form the program for PETS 2017, which will be held from July 18–21, 2017 in Minneapolis, USA.

We thank the following people for making the first issue of PoPETs Volume 2017 possible:

General Chair for PETS 2017:

- Nicholas Hopper, University of Minnesota

Program Committee Chairs / Editors in Chief:

- Claudia Diaz, KU Leuven
- Rachel Greenstadt, Drexel University
- Damon McCoy, New York University

Program Committee / Editorial Board reviewers for this issue:

- Gunes Acar, KU Leuven
- Sadia Afroz, International Computer Science Institute
- William Aiello, University of British Columbia
- Masha'el Al-Sabah, Qatar University
- Hadi Asghari, TU Delft
- N. Asokan, Aalto University and University of Helsinki

- Adam Aviv, United States Naval Academy
- Michael Backes, Saarland University and MPI-SWS
- Lujo Bauer, Carnegie Mellon University
- Matt Blaze, University of Pennsylvania
- Sonja Buchegger, KTH Royal Institute of Technology
- Kelly Caine, Clemson University
- Aylin Caliskan-Islam, Princeton University
- Chris Clifton, Purdue, University
- Jed Crandall, University of New Mexico
- George Danezis, University College London
- Anupam Datta, Carnegie Mellon University
- Emiliano De Cristofaro, University College London
- Rinku Dewri, University of Denver
- Orr Dunkelman, University of Haifa
- Serge Egelman, UC Berkeley / ICSI
- Tariq Elahi, KU Leuven
- Giulia Fanti, University of Illinois at Urbana-Champaign
- David Fifield, UC Berkeley
- Simone Fischer-Hübner, Karlstad University
- Bryan Ford, EPFL
- Vaibhav Garg, VISA
- Ian Goldberg, University of Waterloo
- Thomas Groß, Newcastle University
- Jens Grossklags, Penn State
- Seda Gürses, New York University
- Marit Hansen, Independent Centre for Privacy Protection Schleswig-Holstein
- Ryan Henry, Indiana University Bloomington
- Raquel Hill, Indiana University Bloomington
- Jaap-Henk Hoepman, Radboud University Nijmegen
- Yan Huang, Indiana University Bloomington
- Rob Jansen, U.S. Naval Research Laboratory
- Aaron Johnson, U.S. Naval Research Laboratory
- Jonathan Katz, University of Maryland
- Aggelos Kiayias, University of Athens
- Bart Knijnenburg, Clemson University
- Markulf Kohlweiss, Microsoft Research
- Yoshi Kohno, University of Washington
- Albert Kwon, MIT
- Susan Landau, Worcester Polytechnic Institute
- Peeter Laud, Cybernetica
- Adam J. Lee, University of Pittsburgh
- Marc Liberatore, University of Massachusetts, Amherst
- Boon Thau Loo, University of Pennsylvania
- Aleecia McDonald, Stanford University
- Prateek Mittal, Princeton University
- Payman Mohassel, Visa Research

- Arvind Narayanan, Princeton University
- Muhammad Naveed, University of Southern California
- Shirin Nilizadeh, UC Santa Barbara
- Guevara Noubir, Northeastern University
- Vern Paxson, UC Berkeley
- Adrian Perrig, ETH Zurich
- Joel Reardon, ICSI / UC Berkeley
- Rob Reeder, Google
- Thomas Roessler, Google
- Keith Ross, New York University
- Ahmad-Reza Sadeghi, Technische Universität Darmstadt
- Reihaneh Safavi-Naini, University of Calgary
- Hovav Schacham, UCSD
- Stuart Schechter, Microsoft Research
- Martin Schmiedecker, SBA Research
- Peter Schwabe, Radboud University
- Mohamed Shehab, University of North Carolina at Charlotte
- Reza Shokri, ETH Zurich
- Jessica Staddon, NC State University
- Thorsten Strufe, TU Dresden
- Carmela Troncoso, IMDEA
- Michael Tschantz, International Computer Science Institute
- Kami Vaniea, University of Edinburgh
- Eugene Vasserman, Kansas State University
- Michael Waidner, Fraunhofer Institute SIT
- Tao Wang, Hong Kong University of Science and Technology
- Tara Whalen, Google
- Philipp Winter, Princeton University
- Joss Wright, Oxford Internet Institute

Publications Chair:

- Marc Juarez

Video Chair:

- Aaron Johnson

Publicity Chairs:

- Tariq Elahi
- Kat Hanna

Web Chairs:

- Jeremy Clark

- Tariq Elahi
- Kat Hanna

We thank the following shepherds:

- Jed Crandall
- Vaibhav Garg
- Nicholas Hopper
- Adam J. Lee
- Muhammad Naveed
- Stuart Schechter
- Michael Waidner

We thank the following external reviewers:

- Mamunur Akand
- Mahdi N. Al-Ameen
- Daniele Asoni
- Shehar Bano
- Cecylia Bocovich
- Kostas Chatzikokolakis
- Amit Datta
- Gareth T. Davies
- Steven Englehardt
- Roya Ensafi
- Pedro Fonseca
- William Garrison
- Steven Hill
- Nicholas Hopper
- Amir Houmansadr
- Roberto Hoyle
- Marc Juarez
- Martina Lindorfer
- Changchang Liu
- Michelle Mazurek
- Alisa Pankova
- Sai Teja Peddinti
- Shayak Sen
- Arunesh Sinha
- Paul Syverson
- Matthew Wright
- Ren Zhang
- Yupeng (Jason) Zhang
- Dionysis Zindros

Sincerely,

Claudia Diaz, Rachel Greenstadt, and Damon McCoy

Program Co-Chairs of PETS 2017 and Co-Editors-in-Chief of PoPETs volume 2017.