

Editors' Introduction

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It is our great pleasure to introduce Issue 1 of Volume 2024 of the Proceedings on Privacy Enhancing Technologies (PoPETs). PoPETs is a journal that publishes articles accepted to the annual Privacy Enhancing Technologies Symposium (PETS). To contribute to the free availability of scientific publications, PoPETs is published under the open-access Creative Commons Attribution-NonCommercial-NoDerivs license.

PoPETs/PETS uses a hybrid conference-journal model, one that has since been adopted by many other conferences in the field. In this model, articles are published throughout the year at regular intervals, and the papers for the year are then presented at an annual conference. Reviewers can request revisions of submitted articles, which may then be revised and resubmitted in the same year. PoPETs publishes four issues per year. By enabling resubmission across these issues, PoPETs provides a high-quality peer-review process that enables authors and reviewers to work together to produce and recognize significant scholarly contributions.

The PoPETs double-blind peer-review process is similar to other top-tier computer-security publications. The process includes initial review by the Editors-in-Chief for rules compliance and in-scope content, written reviews by multiple independent reviewers, author rebuttal, discussion among reviewers, and consensus decisions with disagreements resolved by the Editors-in-Chief or the Vice Chairs. The output of the review process is a set of reviews, a meta-review summarizing the reviewers' opinions after discussion (for papers that are not rejected during the first round), and one of the following decisions: Accept, Accept with Minor Revisions, Major Revisions, Reject and Resubmit, and Reject.

Reviewing by the Editorial Board is performed in two rounds. In the first round, the Editors-in-Chief assign two reviewers from the Regular Editorial Board and a Vice Chair to all papers, and at the end of the round early decisions are made to reject certain papers that have two reject scores (Reject or Reject and Resubmit) from the reviewers. The remaining papers receive additional reviews in the second round for a total of four reviews (in a few cases, submissions received fewer or more reviews). One of the assigned reviewers is appointed as a meta-reviewer, who guides and summarizes the discussion into a meta-review and a decision recommendation.

Some articles had an external review drawn from a pool of junior experts nominated by the community¹ or identified by a member of the Editorial Board as a qualified reviewer. All reviews were sent to the authors of papers that proceeded to the second round of

review, and those authors were invited to provide a written rebuttal to the reviews. After the rebuttal period there was a discussion among the reviewers, the meta-reviewer, other members of the Editorial Board, the Vice Chairs, and the Editors-in-Chief to reach a consensus decision for each paper. The meta-reviewer then wrote a meta-review that summarized the discussion and the justification for the decision.

Articles submitted to this issue were reviewed by 158 members of the Editorial Board, five Vice Program Chairs, and 51 external reviewers. The submitted articles, reviews, and discussion were available to all members of the Editorial Board who did not have a conflict of interest with the authors of the article. To identify conflicts of interest, the membership of the Editorial Board was published before submissions were opened, and authors were asked to indicate members with whom any of the authors had a conflict. In addition, Editorial Board members were asked to list the authors and institutions with which they have conflicts of interest. Finally, the Editors-in-Chief also checked for missed conflicts. Editorial Board members were welcome to submit articles, while the Editors-in-Chief were precluded from doing so.

There were 115 submissions to this issue of PoPETs. Thirty one of the 115 submissions had been invited during a previous issue to resubmit after major revision, and these were reassigned to the Editorial Board members that had reviewed the previous version. Additionally, Sixteen articles that had been rejected from a previous issue were resubmitted to the journal, and they were reassigned to some of the same reviewers. For all these resubmissions, the authors provided a summary of changes made to the prior version that explained how review concerns had been addressed.

Of the 115 submissions, 15 papers were accepted, and another 20 were conditionally accepted subject to minor revisions. For the latter, a reviewer was assigned as a shepherd to ensure that the important points from the meta-review were addressed. The identity of the shepherd was kept secret from the authors, and communication between the authors and the shepherd was done (anonymously) through our article submission system. Thirty five articles were ultimately accepted and form the articles published in this issue. These articles will be presented at PETS 2024.

The authors of 71 other articles were invited to resubmit to a future issue of PoPETs. For 22 of them, specific major revisions were requested, to be reviewed by the same reviewers when submitted to one of the following two PoPETs submission deadlines. The remaining 49 articles received a decision of Reject and Resubmit, as reviewers identified needed revisions that were unlikely to be successfully addressed in a short time. Eight papers received a decision of Reject, either due to serious deficiencies or to being out of scope for PoPETs. One submission was rejected by the Editors-in-Chief without review by the Editorial Board for being out of scope,

¹The nomination form is available at <https://forms.gle/ykjGz39CG9QsFpoj6>.

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Proceedings on Privacy Enhancing Technologies 2024(1), 1–4

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<https://doi.org/10.56553/popets-2024-0001>

over the page limit, or non-anonymous. Finally, no submissions were withdrawn by the authors during the review process.

For the 2024 volume, we continue an artifact-review procedure to collect, evaluate, and distribute artifacts related to accepted papers (e.g. source code, datasets, machine-generated proofs, formal specifications, and build environments)². Authors of accepted papers are encouraged (but not obliged) to submit their artifacts for review by an artifact-review committee. The committee performs some checks on artifact quality (e.g. documentation, licensing, and compilation); once approved, artifacts accompany the corresponding papers on the PETS website.

We thank the following people for making the first issue of PoPETs Volume 2024 possible:

General Chair for PETS 2024:

- Awais Rashid, University of Bristol

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- Gunes Acar, Radboud University
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- Rebekah Overdorf, University of Lausanne
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- Shaanan Cohney, University of Melbourne
- Kovila Coopamootoo, King's College London
- Jean-François Couchot, FEMTO-ST Institute, Université de Franche-Comté
- Scott Coull, Google
- Jed Crandall, Arizona State University

- Ha Dao, Max Planck Institute for Informatics
- Debajyoti Das, KU Leuven
- Edwin Dauber, Widener University
- Alex Davidson, Universidade Nova de Lisboa
- Damien Desfontaines, Tumult Labs
- Nir Drucker, IBM Research - Israel
- Christoph Egger, Université Paris Cité, CNRS, IRIF
- Zeki Erkin, Delft University of Technology
- Álvaro Feal, Northeastern University
- Ellis Fenske, US Naval Academy
- Natasha Fernandes, School of Computing, Macquarie University
- Imane Fouad, Inria
- Kevin Gallagher, NOVA LINCS, NOVA School of Science and Technology
- Sébastien Gamba, Université du Québec à Montréal (UQAM)
- Christina Garman, Purdue University
- Paolo Gasti, New York Institute of Technology
- Sepideh Ghanavati, University of Maine
- Badih Ghazi, Google Research
- Ian Goldberg, University of Waterloo
- Devashish Gosain, KU Leuven
- Rachel Greenstadt, NYU
- Johanna Gunawan, Northeastern University
- Cheng Guo, Clemson University / Google
- Emre Gürsoy, Koç University, Turkey
- Syed Mahbub Hafiz, LG Electronics USA, Inc.
- Lucjan Hanzlik, CISA Helmholtz Center for Information Security
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- Weijia He, Dartmouth College
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- Martin Henze, RWTH Aachen University & Fraunhofer FKIE
- Dominik Herrmann, University of Bamberg, Germany
- Jens Hiller, Google
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- Sanghyun Hong, Computer Science at Oregon State University
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- Nadim Kobeissi, NYM Technologies SA / Symbolic Software
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- Deepak Kumar, Stanford University
- Piyush Kumar Sharma, KU Leuven
- Alptekin Küpçü, Koç University
- Russell W. F. Lai, Aalto University
- Duc V. Le, Visa Research

²<https://petsymposium.org/artifacts.php>

- Hieu Le, UC Irvine
 - Jaewoo Lee, University of Georgia
 - Ming Li, The University of Texas at Arlington
 - Kaitai Liang, Delft University of Technology
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 - Giovanni Russello, University of Auckland
 - Muhammad Saad, PayPal
 - Reihaneh Safavi-Naini, University of Calgary
 - Kavous Salehzadeh Niksirat, EPFL
 - Adam Sealfon, Google
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 - Ali Shahin Shmasabadi, The Alan Turing Institute
 - Shawn Shan, University of Chicago
 - Supreeth Shastri, University of Iowa
 - Yan Shvartzshnaider, York University
 - Sandra Siby, Imperial College London
 - Tjerand Silde, Norwegian University of Science and Technology
 - Lucy Simko, George Washington University
 - Claudio Soriente, NEC Laboratories Europe
 - Guillermo Suarez-Tangil, IMDEA Networks Institute
 - Jose Such, King's College London & Universitat Politècnica de Valencia
 - Ruoxi Sun, The University of Adelaide & CSIRO's Data61
 - Wei Sun, UCSD
 - Ajith Suresh, Technology Innovation Institute (TII)
 - Iraklis Symeonidis, RISE - Research Institutes of Sweden
 - Mohammad Tahaei, Independent Researcher
 - Daniel Takabi, Georgia State University
 - Michael Toth, Inria
 - Ni Trieu, Arizona State University
 - Anselme Tuono, SAP SE
 - Nirvan Tyagi, Cornell University
 - Benjamin Ujcich, Georgetown University
 - Tobias Urban, Institute for Internet Security & secunet Security Networks AG
 - Christine Utz, CISPA Helmholtz Center for Information Security
 - Tavish Vaidya, Google
 - Tom Van Goethem, DistriNet, KU Leuven / Google
 - Ryan Wails, Georgetown University, U.S. Naval Research Laboratory
 - Ding Wang, Nankai University
 - Haoyu Wang, Huazhong University of Science and Technology
 - Jiafan Wang, CSIRO's Data61
 - Liang Wang, Princeton University
 - Miranda Wei, University of Washington
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 - Luyi Xing, Indiana University Bloomington
 - Attila Yavuz, University of South Florida
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- Roger Dingledine, The Tor Project
 - Ian Goldberg, University of Waterloo
- We thank the anonymous shepherds for their hard work.*
- We thank the following external reviewers:*
- Zinaida Benenson, University of Erlangen-Nuremberg
 - Pascal Berrang, University of Birmingham
 - Sruti Bhagavatula, Northwestern University
 - Gergely Biczok, Budapest University of Technology and Economics

- Arthur Borem, University of Chicago
- Melissa Chase, Microsoft Research
- Robert Cunningham, University of Pittsburgh
- Anupam Das, North Carolina State University
- Martin Degeling, Stiftung Neue Verantwortung
- Markus Dürmuth, Leibniz University Hannover
- Tariq Elahi, University of Edinburgh
- Pardis Emami-Naeini, Duke University
- Dario Fiore, IMDEA
- Gennie Gebhart, Electronic Frontier Foundation
- Thomas Gross, Newcastle University, UK
- Andreas Haeberlen, University of Pennsylvania
- Florian Hahn, University of Twente
- Hasan Hibshi, Carnegie Mellon University
- Murtuza Jadliwala, The University of Texas at San Antonio
- Limin Jia, Carnegie Mellon University
- Marc Juarez, University of Edinburgh
- Ferhat Karakoc, Ericsson
- Ghassan Karame, Ruhr-University Bochum
- Marcel Keller, CSIRO's Data61
- Joshua Kroll, Naval Postgraduate School
- Christiane Kuhn, NEC Laboratories Europe
- Arnaud Legout, Inria
- Brian Levine, University of Massachusetts Amherst
- Piotr Mardziel, Independent
- Shrirang Mare, Western Washington University
- Karola Marky, Leibniz University Hannover
- Federico Mazzone, University of Twente
- Veelasha Moonsamy, Ruhr University Bochum
- Adwait Nadkarni, William & Mary
- Milad Nasr, Google Brain
- Navid Nasr Esfahani, Memorial University of Newfoundland
- Chan Nam Ngo, Kyber Network
- Lennart Oldenburg, imec-COSIC KU Leuven
- Stefano Paraboschi, Università degli Studi di Bergamo
- Paul Pearce, Georgia Tech
- Sai Teja Peddinti, Google
- Christina Pöpper, New York University Abu Dhabi
- Andy Rupp, University of Luxembourg and KASTEL SRL
- Wendy Seltzer, W3C/MIT
- Elisa Shioji, The University of Melbourne
- Dmitrii Usynin, Imperial College London and Technical University of Munich
- Eugene Vasserman, Kansas State University
- Shuai Wang, Hong Kong University of Science and Technology
- Aiping Xiong, Pennsylvania State University
- Yongjun Zhao, ByteDance
- Yixin Zou, University of Michigan / Max Planck Institute for Security and Privacy

Sincerely,

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Co-Editors-in-Chief of PoPETs Volume 2024 and Program Co-Chairs of PETS 2024