

Michael Carl Tschantz

Curriculum Vitae

Contact

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International Computer Science Institute (ICSI)
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Berkeley, CA 94704-1345

Education

Ph.D., Computer Science, May 2012
Carnegie Mellon University
Pittsburgh, PA

Dissertation: *Formalizing and Enforcing Purpose Restrictions*

Advisors: Anupam Datta and Jeannette M. Wing

Committee: Lorrie Faith Cranor, Joseph Y. Halpern, and Manuela M. Veloso

M.S., Computer Science, December 2010
Carnegie Mellon University
Pittsburgh, PA

Sc.B., Computer Science, May 2005
Brown University
Providence, RI

Honors Thesis: *The Clarity of Languages for Access-Control Policies*

Advisor: Shriram Krishnamurthi

Employment

2016/01 – present

Senior Researcher
International Computer Science Institute
Berkeley, CA

2014/12 – 2015/12

Researcher
International Computer Science Institute
Berkeley, CA

2013/01 – 2014/12

Visiting Assistant Researcher
School of Information, University of California, Berkeley
Berkeley, CA

2011/09 – 2013/01

Post Doctoral Researcher
Cylab, Carnegie Mellon University
Moffett Field, CA

2008/06 – 2008/08

Research Assistant
Microsoft Research India
Bangalore, India

2007/06 – 2007/08

Research Assistant
Software Engineering Institute, Carnegie Mellon University
Pittsburgh, PA

Publications

Book Chapter

Gerald Friedland and Michael Carl Tschantz. Privacy concerns of multimodal sensor systems. In Sharon Oviatt, Björn Schuller, Philip Cohen, Daniel Sonntag, Gerasimos Potamianos, and Antonio Krüger, editors, *The Handbook of Multimodal-Multisensor Interfaces*, volume 3: Language Processing, Software, Commercialization, and Emerging Directions, chapter 16, pages 659–704. Morgan & Claypool Publishers and ACM, 2019.

Conference Papers

Samuel Yeom and Michael Carl Tschantz. Avoiding disparity amplification under different worldviews. In *ACM Conference on Fairness, Accountability, and Transparency (FAcCT)*. ACM, 2021.

Debjani Saha, Candice Schumann, Duncan C. McElfresh, John P. Dickerson, Michelle L. Mazurek, and Michael Carl Tschantz. Measuring non-expert comprehension of machine learning fairness metrics. In *ICML*, 2020.

Milad Nasr and Michael Carl Tschantz. Bidding strategies with gender nondiscrimination constraints for online ad auctions. In *ACM Conference on Fairness, Accountability, and Transparency (FAcCT)*, January 2020.

Michael Carl Tschantz, Shayak Sen, and Anupam Datta. SoK: Differential privacy as a causal property. In *IEEE Symposium on Security and Privacy 2020*, pages 354–371, 2020.

Amit Datta, Jianan Lu, and Michael Carl Tschantz. Evaluating anti-fingerprinting privacy enhancing technologies. In *The Web Conference (WWW)*, pages 351–362, 2019.

Amit Datta, Anupam Datta, Jael Makagon, Deirdre K. Mulligan, and Michael Carl Tschantz. Discrimination in online advertising: A multidisciplinary inquiry. In Sorelle A. Friedler and Christo Wilson, editors, *Proceedings of the 1st Conference on Fairness, Accountability and Transparency (FAcCT)*, volume 81 of *Proceedings of Machine Learning Research*, pages 20–34, New York, NY, USA, February 2018. PMLR.

Angelisa C. Plane, Elissa M. Redmiles, Michelle L. Mazurek, and Michael Carl Tschantz. Assessing user perceptions of online targeted advertising. In *26th USENIX Security Symposium (USENIX Security 17)*, page 935–951, Berkeley, CA, August 2017. USENIX Association.

Rachee Singh, Rishab Nithyanand, Sadia Afroz, Paul Pearce, Michael Carl Tschantz, Phillipa Gill, and Vern Paxson. Characterizing the nature and dynamics of Tor exit blocking. In *26th USENIX Security Symposium (USENIX Security 17)*, pages 325–341, Berkeley, CA, August 2017. USENIX Association.

Brad Miller, Alex Kantchelian, Michael Carl Tschantz, Sadia Afroz, Rekha Bachwani, Riyaz Faizullahoy, Ling Huang, Vaishaal Shankar, Tony Wu, George Yiu, Anthony D. Joseph, and J. D. Tygar. Reviewer integration and performance measurement for malware detection. In *13th Conference on Detection of Intrusions and Malware and Vulnerability Assessment (DIMVA)*. Springer, July 2016.

Michael Carl Tschantz, Sadia Afroz, Anonymous, and Vern Paxson. SoK: Towards grounding censorship circumvention in empiricism. In *IEEE Symposium on Security and Privacy*. IEEE Computer Society, 2016.

Michael Carl Tschantz, Amit Datta, Anupam Datta, and Jeannette M. Wing. A methodology for information flow experiments. In *Computer Security Foundations Symposium*. IEEE, 2015.

Amit Datta, Michael Carl Tschantz, and Anupam Datta. Automated experiments on ad privacy settings: A tale of opacity, choice, and discrimination. In *Proceedings on Privacy Enhancing Technologies (PoPETs)*, pages 92–112. De Gruyter Open, 2015.

Alex Kantchelian, Michael Carl Tschantz, Ling Huang, Peter L. Bartlett, Anthony D. Joseph, and J. D. Tygar. Large-margin convex polytope machine. In Z. Ghahramani, M. Welling, C. Cortes, N.D. Lawrence,

and K.Q. Weinberger, editors, *Advances in Neural Information Processing Systems 27 (NeurIPS)*, pages 3248–3256. Curran Associates, Inc., 2014.

Michael Carl Tschantz, Anupam Datta, and Jeannette M. Wing. Purpose restrictions on information use. In *Proceedings of the 18th European Symposium on Research in Computer Security (ESORICS)*, volume 8134 of *Lecture Notes in Computer Science*, pages 610–627. Springer Berlin Heidelberg, 2013.

Michael Carl Tschantz, Anupam Datta, and Jeannette M. Wing. Formalizing and enforcing purpose restrictions in privacy policies. In *Proceedings of the IEEE Symposium on Security and Privacy*, pages 176–190, Los Alamitos, CA, USA, 2012. IEEE Computer Society.

Michael Carl Tschantz and Jeannette M. Wing. Extracting conditional confidentiality policies. In *SEFM '08: Proceedings of the Sixth IEEE International Conferences on Software Engineering and Formal Methods*, November 2008.

Michael Carl Tschantz and Shriram Krishnamurthi. Towards reasonability properties for access-control policy languages. In *SACMAT '06: Proceedings of the Eleventh ACM Symposium on Access Control Models and Technologies*, June 2006.

Kathi Fisler, Shriram Krishnamurthi, Leo A. Meyerovich, and Michael Carl Tschantz. Verification and change-impact analysis of access-control policies. In *ICSE '05: Proceedings of the 27th International Conference on Software Engineering*, pages 196–205, New York, NY, USA, 2005. ACM Press.

Michael Benisch, Amy Greenwald, Ioanna Grypari, Roger Lederman, Victor Naroditskiy, and Michael Carl Tschantz. Botticelli: A supply chain management agent. In *Third International Joint Conference on Autonomous Agents and Multiagent Systems AAMAS '04*, pages 1174–1181, New York, July 2004.

Michael Benisch, Amy Greenwald, Victor Naroditskiy, and Michael Carl Tschantz. A stochastic programming approach to scheduling in TAC SCM. In *ACM Electronic Commerce Conference ECC '04*, pages 152–160, New York, May 2004.

Workshop Papers

Meisam Navaki, Rajkumar Pandi, Michael Carl Tschantz, Jedidiah R. Crandall, King-wa Fu, Dahlia Qiu Shi, and Miao Sha. Assessing post deletion in Sina Weibo: Multi-modal classification of hot topics. In *Second Workshop on NLP for Internet Freedom (NLP4IF)*, November 2019.

Michael Carl Tschantz, Serge Egelman, Jaeyoung Choi, Nicholas Weaver, and Gerald Friedland. The accuracy of the demographic inferences shown on Google's Ad Settings. In *Workshop on Privacy in the Electronic Society (WPES'18)*. ACM, 2018.

Michael Carl Tschantz, Sadia Afroz, Shaarif Sajid, Shoaib Asif Qazi, Mobin Javed, and Vern Paxson. A bestiary of blocking: The motivations and modes behind website unavailability. In *8th USENIX Workshop on Free and Open Communications on the Internet (FOCI '18)*, August 2018.

Sadia Afroz, David Fifield, Michael Carl Tschantz, Vern Paxson, and J. D. Tygar. Censorship arms race: Research vs. practice. In *Workshop on Hot Topics in Privacy Enhancing Technologies (HotPETs)*, June 2015.

Alex Kantchelian, Michael Carl Tschantz, Sadia Afroz, Brad Miller, Vaishaal Shankar, Rekha Bachwani, Anthony D. Joseph, and J. D. Tygar. Better malware ground truth: Techniques for weighting anti-virus vendor labels. In *Proceedings of the 2015 ACM Workshop on Artificial Intelligence and Security (AISec)*. ACM, 2015.

Brad Miller, Alex Kantchelian, Sadia Afroz, Rekha Bachwani, Edwin Dauber, Ling Huang, Michael Carl Tschantz, Anthony D. Joseph, and J. D. Tygar. Adversarial active learning. In *Proceedings of the 2014 ACM Workshop on Artificial Intelligence and Security*, New York, NY, USA, 2014. ACM.

Alex Kantchelian, Sadia Afroz, Ling Huang, Aylin Caliskan Islam, Brad Miller, Michael Carl Tschantz, Rachel Greenstadt, Anthony D. Joseph, and J. D. Tygar. Approaches to adversarial drift. In *Proceedings*

of the 2013 ACM Workshop on Artificial Intelligence and Security, pages 99–110, New York, NY, USA, 2013. ACM.

Michael Carl Tschantz and Aditya V. Nori. Measuring the loss of privacy from statistics. In *QA '09: Workshop on Quantitative Analysis of Software*, June 2009.

Sarah Bell, Michael Benisch, Maggie Benthall, Amy Greenwald, and Michael Carl Tschantz. Multi-period online optimization in TAC SCM: The supplier offer acceptance problem. In *Workshop on Trading Agent Design and Analysis*, New York, July 2004.

Technical Reports

Milad Nasr and Michael Carl Tschantz. Bidding strategies with gender nondiscrimination constraints for online ad auctions. *ArXiv*, 1909.02156, September 2019.

Meisam Navaki Arefi, Rajkumar Pandi, Michael Carl Tschantz, Jedidiah R. Crandall, King-wa Fu, Dahlia Qiu Shi, and Miao Sha. Assessing post deletion in Sina Weibo: Multi-modal classification of hot topics. *ArXiv*, 1906.10861, June 2019.

Amit Datta, Jianan Lu, and Michael Carl Tschantz. The effectiveness of privacy enhancing technologies against fingerprinting. *ArXiv*, 1812.03920, December 2018.

Jaeyoung Choi, Istemi Ekin Akkus, Serge Egelman, Gerald Friedland, Robin Sommer, Michael Carl Tschantz, and Nicholas Weaver. Cybercasing 2.0: You get what you pay for. *ArXiv*, 1811.06584, November 2018.

Samuel Yeom and Michael Carl Tschantz. Discriminative but not discriminatory: A comparison of fairness definitions under different worldviews. *ArXiv*, 1808.08619, August 2018.

Michael Carl Tschantz, Serge Egelman, Jaeyoung Choi, Nicholas Weaver, and Gerald Friedland. The accuracy of the demographic inferences shown on Google's Ad Settings. *ArXiv*, 1808.07549, August 2018.

Anupam Datta, Shayak Sen, and Michael Carl Tschantz. Correspondences between privacy and nondiscrimination: Why they should be studied together. *ArXiv*, 1808.01735, August 2018.

Sadia Afroz, Mobin Javed, Vern Paxson, Shoaib Asif Qazi, Shaarif Sajid, and Michael Carl Tschantz. A bestiary of blocking: The motivations and modes behind website unavailability. *ArXiv*, 1806.00459, June 2018.

Sadia Afroz, Michael Carl Tschantz, Shaarif Sajid, Shoaib Asif Qazi, Mobin Javed, and Vern Paxson. Exploring server-side blocking of regions. *ArXiv*, 1805.11606, May 2018.

Michael Carl Tschantz, Shayak Sen, and Anupam Datta. Differential privacy as a causal property. Technical Report arXiv:1710.05899, ArXiv, October 2017.

Michael Carl Tschantz, Serge Egelman, Jaeyoung Choi, Nicholas Weaver, and Gerald Friedland. The accuracy of the demographic inferences shown on Google's Ad Settings. Technical Report TR-16-003, International Computer Science Institute, Berkeley, CA, USA, October 2016.

Brad Miller, Alex Kantchelian, Michael Carl Tschantz, Sadia Afroz, Rekha Bachwani, Riyaz Faizullahoy, Ling Huang, Vaishaal Shankar, Tony Wu, George Yiu, Anthony D. Joseph, and J. D. Tygar. Back to the future: Malware detection with temporally consistent labels. Technical Report arXiv:1510.07338v1, ArXiv, October 2015.

Michael Carl Tschantz, Sadia Afroz, Vern Paxson, and J. D. Tygar. On modeling the costs of censorship. Technical Report arXiv:1409.3211v1, ArXiv, September 2014.

Amit Datta, Michael Carl Tschantz, and Anupam Datta. Automated experiments on ad privacy settings: A tale of opacity, choice, and discrimination. Technical Report arXiv:1408.6491v1, ArXiv, August 2014.

Michael Carl Tschantz, Amit Datta, Anupam Datta, and Jeannette M. Wing. A methodology for information flow experiments. Technical Report arXiv:1405.2376v1, ArXiv, May 2014.

Michael Carl Tschantz, Anupam Datta, and Jeannette M. Wing. Information flow investigations. Technical Report CMU-CS-13-118, School of Computer Science, Carnegie Mellon University, June 2013.

Michael Carl Tschantz, Anupam Datta, and Jeannette M. Wing. Purpose restrictions on information use. Technical Report CMU-CyLab-13-005 and CMU-CS-13-116, Carnegie Mellon University, June 2013.

Michael Carl Tschantz. *Formalizing and Enforcing Purpose Restrictions*. PhD thesis, Computer Science Department, School of Computer Science, Carnegie Mellon University, May 2012.

Michael Carl Tschantz, Anupam Datta, and Jeannette M. Wing. Formalizing and enforcing purpose restrictions in privacy policies (full version). Technical Report CMU-CS-12-106, School of Computer Science, Carnegie Mellon University, March 2012.

Michael Carl Tschantz, Anupam Datta, and Jeannette M. Wing. On the semantics of purpose requirements in privacy policies. Technical Report CMU-CS-11-102, School of Computer Science, Carnegie Mellon University, February 2011. Also available at <http://arxiv.org/abs/1102.4326>.

Michael Carl Tschantz, Dilsun Kaynar, and Anupam Datta. Formal verification of differential privacy for interactive systems. Technical Report arXiv:1101.2819v1 [cs.CR], ArXiv, January 2011.

Michael Carl Tschantz and Jeannette M. Wing. Formal methods for privacy. Technical Report CMU-CS-09-154, School of Computer Science, Carnegie Mellon University, September 2009.

Michael Carl Tschantz, Anupam Datta, and Dilsun Kaynar. Differential privacy for probabilistic systems. Technical Report CMU-CyLab-09-008, CyLab, Carnegie Mellon University, 2009.

Michael Carl Tschantz and Jeannette M. Wing. Extracting conditional confidentiality policies. Technical Report CMU-CS-08-127, School of Computer Science, Carnegie Mellon University, May 2008.

Michael Carl Tschantz and Jeannette M. Wing. Confidentiality policies and their extraction from programs. Technical Report CMU-CS-07-108, School of Computer Science, Carnegie Mellon University, February 2007.

Deepak Garg and Michael Carl Tschantz. From indexed lax logic to intuitionistic logic. Technical Report CMU-CS-07-167, School of Computer Science, Carnegie Mellon University, January 2008.

Michael Carl Tschantz and Shriram Krishnamurthi. Towards reasonability properties for access-control policy languages with extended XACML analysis. Technical Report CS-06-04, Computer Science Department, Brown University, April 2006.

Michael Matthew Greenberg, Casey Marks, Leo Alexander Meyerovich, and Michael Carl Tschantz. The soundness and completeness of margrave with respect to a subset of XACML. Technical Report CS-05-05, Computer Science Department, Brown University, April 2005.

Miscellaneous Papers

Min Kyung Lee, Nina Grgić-Hlača, Michael Carl Tschantz, Reuben Binns, Adrian Weller, Michelle Carney, and Kori Inkpen. Human-centered approaches to fair and responsible AI. In *CHI EA '20: Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems*, pages W25 1–8. ACM, April 2020.

Debjani Saha, Candice Schumann, Duncan C. McElfresh, John P. Dickerson, Michelle L. Mazurek, and Michael Carl Tschantz. Human comprehension of fairness in machine learning. In *3rd AAAI/ACM Conference on AI, Ethics, and Society*, February 2020. Abstract.

Michael Carl Tschantz, Dilsun Kaynar, and Anupam Datta. Formal verification of differential privacy for interactive systems (extended abstract). *Electron. Notes Theor. Comput. Sci.*, 276:61–79, September 2011.

Presented at the 27th Annual Conference on Mathematical Foundations of Programming Semantics, Invited Paper.

Michael Carl Tschantz and Jeannette M. Wing. Formal methods for privacy. In *Proceedings of the 2nd World Congress on Formal Methods*, pages 1–15, Berlin, Heidelberg, 2009. Springer-Verlag.

Michael Carl Tschantz. The clarity of languages for access-control policies. Undergraduate Honors Thesis, Department of Computer Science, Brown University, May 2005.

Michael Benisch, Amy Greenwald, Ioanna Grypari, Roger Lederman, Victor Naroditskiy, and Michael Carl Tschantz. Botticelli: A supply chain management agent designed to optimize under uncertainty. *SIGecon Exchanges*, 4:29–37, 2004.

Posters

Conferences

Sadia Afroz, Huilin Chen, Mobin Javed, Marc Juarez, Vern Paxson, Shoaib Asif Qazi, Shaarif Sajid, Michael Carl Tschantz. “Transparency into the Causes of Website Inaccessibility” at OPERANDI 2018: Open Day for Privacy, Transparency and Decentralization, co-located with the Privacy Enhancing Technologies Symposium (PETS), 2018/07.

Amit Datta, Anupam Datta, Lay Kuan Loh, Michael Carl Tschantz, and Zheng Zong. “Poster: Evaluating the effectiveness of privacy tools using Information Flow Experiments” at IEEE Symposium on Security and Privacy 2016/05.

Amit Datta, Anupam Datta, Suman Jana, and Michael Carl Tschantz. “Poster: Information Flow Experiments to study News Personalization” at IEEE Symposium on Security and Privacy 2015/05.

Michael Carl Tschantz, Anupam Datta, and Jeannette M. Wing. “Poster: The Semantics of Purpose Requirements in Privacy Policies” at IEEE Symposium on Security and Privacy 2011/05.

Panels

Workshops

Reporting and Analytics Panel of Impact Growth Workshop at Social Capital Markets (SOCAP), 2019/10/22

Sociotechnical Vulnerabilities of AI, Political Economy of Computer Science and AI Development, Graduates for Engaged and Extended Scholarship in Computing and Engineering, Social Science Matrix, UC Berkeley, 2019/09/24

23rd Annual BCLT/BTLJ Symposium, Governing Machines: Defining and Enforcing Public Policy Values in AI Systems, UC Berkeley, 2019/04/05

AFOG Summer Workshop, Auditing Algorithms (from within and from without) Panel, Algorithmic Fairness and Opacity Working Group, UC Berkeley, 2018/06/15

9th Workshop on Security and Human Behavior (SHB), 2016/05

5th International Workshop on Data Usage Management, An IEEE CS Security & Privacy Workshop, 2014/05

2nd International Workshop on Accountability: Science, Technology and Policy, MIT Computer Science and Artificial Intelligence Laboratory, 2014/01

Workshop on Semantic Computing for Security and Privacy held in conjunction with The 5th IEEE International Conference on Semantic Computing, 2011/09

Talks

“Empirically Grounding Models of Censorship”, IMDEA Networks, 2020/02/07

“Ad Targeting and Manipulation”, Keystone Speaker Series, 2019/10/25

“Using MDPs to Model Contextual Integrity”, 2nd Annual Symposium on Applications of Contextual Integrity, 2019/08/20

“Discrimination in Online Personalization: A Multidisciplinary Inquiry”, Civil Rights Division, United States Department of Justice, 2018/01/18.

“Machine Learning and Discrimination: Effects on Privacy and Security”, Berkeley Information Privacy Law Association, 2017/11/20.

“Discrimination in Online Personalization: A Multidisciplinary Inquiry”, hosted speaker, Unlocking the Black Box Conference, Yale Law School, 2016/02/02.

“Automated Experiments on Ad Privacy Settings”, PrivacyCon, Federal Trade Commission, Washington, D.C., 2016/01/14.

“Privacy and Composition (Part 2)”, invited speaker, Privacy by Design Workshop #3, Computing Community Consortium, Computing Research Association, Pittsburgh, PA, 2015/09/01

“AdFisher: Information Flow Experiments on Ad Privacy Settings”, hosted speaker, Max Planck Institute for Software Systems, 2015/07/22

“Automated Experiments on Ad Privacy Settings: A Tale of Opacity, Choice, and Discrimination”, invited speaker, CSL Student Conference, Coordinated Science Laboratory, University of Illinois at Urbana-Champaign, 2015/02/27

“Privacy Principles, Properties, and Mechanisms”, requested presentation by conference call, NPRF WG, National Coordination Office for Networking and Information Technology R&D, 2015/02/13

“Privacy Principles, Properties, and Mechanisms”, invited speaker, Privacy by Design Workshop #1, Computing Community Consortium, Computing Research Association, Berkeley, CA, 2015/02/05

“Privacy through Accountability: Information Flow Experiments”, Fairness, Accountability, and Transparency in Machine Learning; NIPS 2014 Workshop; Montreal, Canada; 2014/12/12

Program Committee (Co-)Chair or (Co-)Organizer

Workshops

The Human-Centered Approach to Fair & Responsible AI workshop at CHI 2020

The 9th USENIX Workshop on Free and Open Communications on the Internet (FOCI), 2019

Program Committees

Conferences

ACM Conference on Fairness, Accountability, and Transparency (FAccT), 2018, 2019, 2021

ACM Conference on Computer and Communications Security (CCS), 2021

IEEE Computer Security Foundations Symposium (CSF), 2014, 2016, 2018, 2020, 2021

International World Wide Web Conference (The Web Conference, WWW), 2016, 2018, 2020, 2021

Privacy Enhancing Technologies Symposium (PETS), 2016–18

USENIX Security Symposium, 2021

Workshops

The 12th USENIX Workshop on Cybersecurity Experimentation and Test (CSET), 2019

The 8th USENIX Workshop on Free and Open Communications on the Internet (FOCI), 2018–20

Workshop on Data and Algorithmic Transparency (DAT), 2016

Workshop on Foundations of Computer Security held in conjunction with CSF, 2016

The 2nd&3rd IEEE International Workshop on Privacy Engineering (IWPE'16&17), co-located with IEEE S&P, 2016–17

The 8th&9th ACM Workshop on Artificial Intelligence and Security (AISec) held in conjunction with ACM CCS, 2015–17

Workshop on Privacy in the Electronic Society (WPES) held in conjunction with ACM CCS, 2014
The Fifth International Workshop on Data Usage Management (DUMA 2014) held in conjunction with IEEE S&P, 2014
The Second International Workshop on Network Forensics, Security and Privacy (NFSP-13) held in conjunction with IEEE ICDCS, 2013

Reviewing, Subreviewing

Journals

ACM Transactions on Information and System Security
ACM Transactions on Internet Technology
ACM Transactions on Intelligent Systems and Technology
ACM Transactions on Privacy and Security
ACM Transactions on Programming Languages and Systems
ACM Transactions on Software Engineering and Methodology
ACM Transactions on the Web
IEEE Transactions on Dependable and Secure Computing
Journal of the American Medical Informatics Association
MDPI Games
Theoretical Computer Science, Elsevier
VLDB Journal

Conferences

ACM Conference on Computer and Communications Security (CCS)
ACM Symposium on Information, Computer and Communications Security (ASIACCS)
Asian Computing Science Conference (ASIAN)
European Symposium on Research in Computer Security (ESORICS)
IFIP International Conference on Formal Techniques for Distributed Objects, Components and Systems (FORTE)
IEEE Computer Security Foundations Symposium (CSF)
IEEE Symposium on Security and Privacy (IEEE S&P, "Oakland")
International Conference on Computer Aided Verification (CAV)
International Conference on Foundations of Software Science and Computation Structures (FoS-SaCS)
International Conference on Information Systems Security (ICISS)
Mathematical Foundations of Programming Semantics (MFPS)
Privacy Enhancing Technologies Symposium (PETS)
USENIX Security

Grant Proposals

Israel Science Foundation
Swiss National Science Foundation
US National Science Foundation

Thesis Committees

Meisam Navaki, Ph.D. in Computer Science, The University of New Mexico, 2020
Amit Datta, Ph.D. in Electrical and Computer Engineering, Carnegie Mellon University, 2018

March 26, 2021