

# 5th Symposium on Foundations of Responsible Computing

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Edited by

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## ■ Contents

Preface	
<i>Guy N. Rothblum</i> .....	0:vii
Organizers	
.....	0:ix

### Regular Papers

Effects of Privacy-Inducing Noise on Welfare and Influence of Referendum Systems	
<i>Suat Evren and Praneeth Vepakomma</i> .....	1:1–1:20
Incentivized Collaboration in Active Learning	
<i>Lee Cohen and Han Shao</i> .....	2:1–2:20
Can Copyright Be Reduced to Privacy?	
<i>Niva Elkin-Koren, Uri Hacoheh, Roi Livni, and Shay Moran</i> .....	3:1–3:18
Balanced Filtering via Disclosure-Controlled Proxies	
<i>Siqi Deng, Emily Diana, Michael Kearns, and Aaron Roth</i> .....	4:1–4:23
Distribution-Specific Auditing for Subgroup Fairness	
<i>Daniel Hsu, Jizhou Huang, and Brendan Juba</i> .....	5:1–5:20
Modeling Diversity Dynamics in Time-Evolving Collaboration Networks	
<i>Christopher Archer and Gireeja Ranade</i> .....	6:1–6:21
Drawing Competitive Districts in Redistricting	
<i>Gabriel Chuang, Oussama Hanguir, and Clifford Stein</i> .....	7:1–7:22
Score Design for Multi-Criteria Incentivization	
<i>Anmol Kabra, Mina Karzand, Tosca Lechner, Nati Srebro, and Serena Wang</i> .....	8:1–8:22
Privacy Can Arise Endogenously in an Economic System with Learning Agents	
<i>Nivasini Ananthkrishnan, Tiffany Ding, Mariel Werner, Sai Praneeth Karimireddy,</i> <i>and Michael I. Jordan</i> .....	9:1–9:22

### Extended Abstract

Online Algorithms with Limited Data Retention	
<i>Nicole Immorlica, Brendan Lucier, Markus Mobius, and James Siderius</i> .....	10:1–10:8





## ■ Preface

The Symposium on Foundations of Responsible Computing (FORC), now in its fifth year, is a forum for mathematically rigorous research in computation and society writ large. The Symposium aims to catalyze the formation of a community supportive of the application of theoretical computer science, statistics, economics, and other relevant analytical fields to problems of pressing and anticipated societal concern.

Thirty-nine papers were selected to appear at FORC 2024, held at Harvard University in Cambridge, MA on June 12–14, 2024. These papers were selected by the program committee, with the help of additional expert reviewers, out of fifty-two submissions. FORC 2024 offered two submission tracks: archival-option (giving authors of selected papers the option to appear in this proceedings volume) and non-archival (providing a showcase for FORC-relevant work that will appear or has recently appeared in another venue). Ten archival-option and twenty-nine non-archival submissions were selected for the program.

The program committee awarded the FORC 2024 Best Paper Award to the paper “Balanced Filtering via Disclosure-Controlled Proxies” by Siqi Deng, Emily Diana, Michael Kearns and Aaron Roth. The FORC 2024 Best Student Paper Award was given to two papers: “Drawing Competitive Districts in Redistricting” by Gabriel Chuang, Oussama Hanguir and Clifford Stein, and “Distribution-Specific Auditing For Subgroup Fairness” by Daniel Hsu, Jizhou Huang and Brendan Juba.

Thank you to entire program committee and to the external reviewers for their hard work during the review process. It has been an honor and a pleasure to work together with you to shape the program of this young conference. Finally, I would like to thank our generous sponsors: the Simons Collaboration on the Theory of Algorithmic Fairness for their conference support.

Guy Rothblum  
Tel Aviv, Israel  
April 23, 2024







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