Invitation to Participate in the ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO'21)

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The inaugural ACM conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO'21) invites participation from the SIGecom community. The conference aims to highlight work where techniques from algorithms, optimization, and mechanism design, along with insights from other disciplines, can help improve equity and access to opportunity for historically disadvantaged and underserved communities. The conference is organized by the Mechanism Design for Social Good (MD4SG) initiative, and builds on the MD4SG technical workshop series and tutorials at conferences including ACM EC, ACM COMPASS, and WINE. The conference will have both an archival publication track as well as a non-archival track that welcomes papers under submission or published in the previous year. Papers submitted to EC 2021 or that will be submitted to EC 2022 are welcome in the non-archival track.

General Terms: Mechanism Design, Algorithms, Economics, Theory, Optimization, Equity
Additional Key Words and Phrases: Empirical Methods; Algorithmic Game Theory; Sociology; Redistributive Mechanisms; Theory of Computation; Privacy, Algorithmic Fairness; Ethical Considerations

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1. INTRODUCTION

The 1st ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO'21) will take place **online** on October 5-9, 2021.

The goal of this event is to highlight work where techniques from algorithms, optimization, and mechanism design, along with insights from the social sciences and humanistic studies, can improve access to opportunity for historically underserved and disadvantaged communities. The conference will have a Research Track and a Policy & Practice Track, aimed at providing an international venue for researchers, practitioners, and policy-makers to present and discuss work at this research interface.

EAAMO'21 is organized by the Mechanism Design for Social Good (MD4SG) initiative and builds on the MD4SG workshop series, hosted at and supported by the ACM Conference on Economics and Computation (EC) as well as MD4SG'20, which ran as a stand-alone event. The conference also builds on tutorials and other events in venues including COMPASS, EC, FAccT, and WINE. EAAMO'21

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is proudly sponsored by the ACM special interest groups SIGecom and SIGAI.

As Program Co-Chairs of EAAMO'21, we invite members of the SIGecom community to submit their work and take part in the conference. EAAMO'21 will feature keynote talks, panels, and contributed presentations across numerous fields. In line with the MD4SG core values of bridging research and practice, the conference will bring together researchers, policy-makers, and practitioners in various government and non-government organizations, community organizations, and industry to build multi-disciplinary pipelines.

EAAMO'21 will feature work in various formats and from different disciplines. The Research Track includes submissions in AI & Machine Learning, Applied and Quantitative Modeling, Empirical Studies, Research Position Papers, and Theory. The Policy & Practice Track solicits submissions in the form of Dataset Submissions, Software Demonstrations, Position Papers, Problem Pitches, and Survey Papers.

Submissions to either track and focus area will have the option to be archival or non-archival. In particular, the archival track welcomes submissions that constitute new research papers that have not been published in conference proceedings or journals before, including papers under submission to journals. The non-archival track welcomes submissions that have been published no earlier than January 2019, including papers submitted to EC 2021 or that will be submitted to EC 2022. Papers under submission with at conferences with proceedings may be submitted to the non-archival track. The proceedings of EAAMO'21 will be published in the ACM digital library.

Please refer to our detailed call for papers for the Research Track and for the Policy & Practice Track for more information.