

Emory University
Dept of Quantitative Theory & Methods
2024-25 Speaker Series



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Science**

**Challenges and Opportunities for
Algorithmic Fairness**

High-profile audits demonstrating algorithmic bias and discrimination in a broad range of domains have driven increased interest in algorithmic fairness, the design of algorithms that attempt to ensure some concept of “fairness”. This talk will address the challenges and opportunities that come with researching and teaching algorithmic fairness. I will discuss my work critiquing benchmarks used in the fairness literature as well as my exploration of algorithmic fairness in the context of voting, computational social choice, and electoral systems. Finally, I’ll briefly touch on my efforts to incorporate the study of fairness and social impacts into my undergraduate computer science courses.

November 18, 1 PM, PAIS 561