EAAMO

Newsletter #4

Fall Semester 2025

About EAAMO

Founded in 2016 as Mechanism Design for Social Good (MD4SG), EAAMO has grown into a significant force within the academic and practitioner communities. EAAMO organizes interdisciplinary working groups, community events throughout the year, and since 2021, the annual ACM EAAMO conference. With over 3,000 members from 150 institutions across 50 countries, EAAMO is a truly global initiative. The organization is currently led by junior researchers from six continents, reflecting its diverse and inclusive ethos.

Our Mission: To build a research community that places the perspectives and interests of marginalized groups at the foundation of algorithmic and resource allocation systems.

Our Vision: A future where the preferences and objectives of historically marginalized groups and their barriers to access are properly accounted for in algorithms and resource allocation systems, resulting in technology that improves equity.

Our Goals:

1. **Build Community:** To build a community with diverse perspectives around technical systems — interdisciplinary researchers, practitioners, and individuals with lived experiences — to identify and tackle under-resourced areas and inaccessibility.
2. **Bridge Research and Practice:** To harness mathematical and computational tools towards improving equity and access in the real-world.
3. **Prioritize Outreach:** To nurture inclusive spaces where historically marginalized communities are empowered to become partners in these conversations.
4. **Innovate Infrastructure:** To identify systemic gaps between research and deployment of algorithmic policies such as the differences in incentives, funding model, and human capital; and explore creative ways to bridge the gap.

For more information please visit our website.

From the EAAMO Board of Directors:

As Sera Linardi steps down from her tenure as Executive Director, we (the board) first and foremost want to express our tremendous gratitude. As EAAMO's inaugural Executive Director, Sera has worked tirelessly to define EAAMO's mission and vision, build our community, put our organization on solid footing, and launch innovative new programs. Even as her term ended, Sera stepped immediately in as co-General Chair of the conference and invested immense energy into bringing our community to Pittsburgh. More than any list of achievements though, Sera has put the heart and soul of EAAMO first and foremost, ensuring that equity and marginalized voices remain at the center of what we do. We thank her for the selflessness with which she has continued to make herself available to us all since her term ended, and we wish her a well-deserved time of rest as she shifts to different forms of engagement with the EAAMO community.

These are difficult times to do work that advances equity. However, EAAMO's mission is more important than ever: to "place the perspectives and interests of marginalized groups at the foundation of algorithmic and resource allocation systems". Our goal is to support all of you in doing this work safely and impactfully.

The board, together with EAAMO's volunteer leadership, will be launching a search for EAAMO's next executive director in Spring 2026, with more information available soon. During the transition period before the next director starts, the board is committed to the continuity and success of all EAAMO activities. Members of our community may reach out directly to the board to discuss any aspects of the organization. Bryan Wilder and Celestine Mendler-Dünner are the primary board contacts for topics related to the conference. Illenin Kondo and Araba Sey are the primary board contacts for topics related to EAAMO Bridges.

Warmly,
Bryan Wilder (Carnegie Mellon University)
EAAMO Board Chair

Illenin Kondo (Federal Reserves of Minneapolis)
EAAMO Board Vice Chair

Our Plans in 2026

- [ ] We are scheduling two colloquium speakers in the first half 2026. Announcements will be here.
- [ ] Plans are underway to select the next location for **ACM EAAMO '26**.
- [ ] We will announce and introduce our Board of Directors as we launch the search for our new Executive Director this spring!
- [ ] We are taking applications to join existing **working groups** or propose new ones.
- [ ] We plan to continue organizing meetups such as the one in New York or at conferences.

GET INVOLVED

- [ ] EAAMO is powered by people like *you*. We want to hear your ideas for new working/reading group, colloquium, good news, bad news, confessions, corrections, and shout-outs. Reach out to us **here**.

- [ ] Want to join an **existing working group**? Don't see a group that fits your interest and wondering what it takes to lead (or find co-leaders for) one? Reach out to EAAMO's Working Group Director Mackenzie Jorgensen to discuss.

- [ ] Organize an **EAAMO social** at your next conference or sign up to join one if it is organized.

- [ ] Saw fun pictures from our **NYC EAAMO Meetups** and wish you have one near you? Create your own local EAAMO Meetup! Reach out to bridges@eaamo.org and they will help you organize one!

- [ ] The **conference proceedings** are now live—don't miss them! And check out **YouTube channel** for videos of key sessions.

- [ ] Tell your colleagues about EAAMO and share this newsletter!

Highlights from this semester

ACM EAAMO '25

This year's ACM EAAMO 2025 Conference was nothing short of inspiring. We had 150 in-person attendees from more than 80 institutions, including around 20 practitioners, from organizations such as New America, National Housing Alliance, Urban Institute, The Congress of Neighboring Communities, and RAND, among others. We are grateful to all organizers and volunteers who led efforts putting together our proceedings, organizing social events, taking pictures for our social media, manning registration desks, and overall making ACM EAAMO happen. The number and dedication of the volunteers has been fantastic. A significant volunteering effort went into organizing the Principle and Performance Metrics Makerspace, where academics and community members worked together. **We packed a lot into this year's program: 32 oral presentations, 56 posters, five keynote speakers, and more than ten hours of interactive events.** Beyond the sessions, the social energy flowed in informal get-togethers prior to the conference as well as exploring dinosaurs at the Carnegie Museum, sharing feedback in poster sessions, and connecting with working group representatives.

This year, we had two inaugural satellite events running concurrently with ACM EAAMO'25, solidifying our global reach: a local event hosted by the African Institute for Mathematical Sciences (AIMS) in South Africa and another event hosted by the University of Oxford in the UK, which was joined by the Summer of Science students from Mexico. Together, these gatherings represented our African, European, and Latin American membership—all connected on Zoom with our Pittsburgh conference attendees during our Global Networking Hour. The conference benefited from vibrant collaboration sessions during the main program, as well as after the conference. As many of you have asked how to stay involved with EAAMO, check out Get Involved (p.4 of this newsletter) for ways to keep the momentum going. From one participant: "*I learned so much, had truly meaningful conversations, and built networks I'm excited to keep cultivating. I hope I can continue to contribute if any opportunities arise.*" We couldn't agree more: join us to keep EAAMO running all year round!

With gratitude to all of you who make EAAMO what it is,
Sera Linardi (School of Public and International Affairs, University of Pittsburgh)
Michael Hamilton (Katz Graduate School of Business, University of Pittsburgh)
EAAMO 2025 Co-chairs

ACM EAAMO '25

ACM EAAMO '25

ACM EAAMO '25 featured a distinguished set of keynote speakers whose work spans global research, policy, and community engagement:

Nyalleng Moorosi (DAIR: Distributed AI Research Institute, USA) delivered a keynote focusing on fairness and inclusion, particularly how local knowledge and community-grounded approaches can improve model performance in low-resource settings and amplify perspectives from underrepresented regions.

Catherine D'Ignazio (MIT, USA) shared insights from her work at the Data + Feminism Lab, emphasizing feminist approaches to data science, civic engagement, and equitable design practices, grounded in both computational and creative methods.

Rayid Ghani (Carnegie Mellon University), **Pim Welle** (Allegheny County Department of Human Services), and **Randall Taylor** (Pittsburgh Human Rights City Alliance) presented a joint plenary that bridged academic research with real-world public policy and community activism, highlighting algorithmic fairness in public systems, data-driven human services innovation, and grassroots advocacy for housing justice and equitable urban outcomes.

ACM EAAMO '25

The technical program at ACM EAAMO '25 showcased a broad range of themes reflecting the conference's interdisciplinary mission. Accepted work was organized into several tracks and topic areas, including:

- **AI and Machine Learning**: Contributions examined fairness in graph learning and federated settings, intersectional biases in language models, the reliability and accessibility of algorithmic recourse, cultural bias in medical AI, and theoretical explorations of fairness under model multiplicity.
- **Applied and Quantitative Modeling**: Research in this area included computational frameworks for community-driven school boundary optimization, analyses of labor market diversity interventions, socio-economic signal extraction from social media for development metrics, and strategic behavior in electricity markets.
- **Empirical Studies**: Papers presented empirical evidence on algorithmic self-preferencing in hiring, divergent fairness definitions in resource allocation, historical persistence of scientific racism in discourse, disability representation in text-to-image systems, and cognitive empathy's impact on annotation workflows.
- **Position Papers and Problem Pitches**: Thought pieces explored patterns of responsibility following AI harms, the relationship between prediction and performativity in allocation problems, and critiques of anti-regulatory uses of "AI safety" rhetoric.
- **Theory**: Theoretical contributions addressed policy design for long-term welfare, human–AI collaboration under misaligned preferences, and the management of value conflicts in children's media policy.

ACM EAAMO '25 included a dedicated poster session designed to showcase work that aligns with the conference's mission of equity and access but may not be presented as a full paper in the proceedings. Posters provided a space for researchers—especially early-stage work, practical contributions, interdisciplinary projects, and resubmissions of previously reviewed work—to engage in sustained dialogue with attendees, receive feedback, and form connections across fields.

ACM EAAMO '25

We are pleased to highlight the Best Papers from the conference—outstanding contributions recognized for their originality, technical quality, and impact on the field.

Optimization Meets Participation: Iterative Zone Generation for School Assignment
Mobin YahyazadehJeloudar, Irene Lo, Katherine L. Mentzer

Identity-related Speech Suppression in Generative AI Content Moderation
Grace Proebsting, Oghenefejiro Anigboro, Charlie M. Crawford, Danaé Metaxa, Sorelle A. Friedler

EAAMO '25 poster at University of Pittsburgh's Alumni Hall

ACM EAAMO '25

Bryan Wilder (board, CMU CS), Aakash Gautam (facilitator, Pitt CS), Michael Hamilton (general chair, Pitt Business). Second row: Daniel Berger (facilitator, AFL-CIO), Aditya Nayak (volunteer, Pitt CS), Thema Monroe-White (session chair, GMU Schar), Sera Linardi (co-chair, Pitt SPIA), Amin Rahimian (career panel, Pitt IE), Hoan Luu (registration, Pittsburgh). Third row: Kenya Andrews (WG lead, Brown Biostats), Nami Yoo (WG rep, Michigan Social Work), Serafina Kamp (WG Lead, Michigan CS), Ezinne Nwankwo (facilitator, Berkeley CS)

Principles and Performance Metrics Makerspace

At EAAMO, we believe every community we visit should be stronger after we leave. A key part of selecting a conference location is identifying opportunities to collaborate with the host institution in ways that create local impact. This year, in partnership with the University of Pittsburgh's Responsible Data Science initiative (RDS@Pitt — now the Hub for AI and Data Science Leadership)— we co-designed and hosted the **Principles and Performance Metrics Workshop**.

Over two days, 21 facilitators—including leaders from local nonprofits, students, researchers, and faculty across disciplines—came together to examine how core principles such as accountability, transparency, and fairness are translated into practice. Participants explored how these principles are defined and measured differently depending on stakeholder perspective - whether one is a researcher, an administrator, a community partners, or a vendor. The discussions focused on three key areas: social indicators, responsible research within universities, and AI procurement in government.

Day 1 centered on surfacing lived experiences and concrete practices through breakout discussions. That evening, volunteers and note-takers participated in a synthesis session to distill key themes and tensions, led by RAISE Lab at Penn State University. On Day 2, participants reflected on these synthesized insights, identified shared principles and gaps across perspectives, and outlined follow-up questions and opportunities for collaboration.

Together, the workshop surfaced areas of alignment, highlighted meaningful tensions, and laid the groundwork for future partnerships and potential publications —advancing EAAMO's commitment to responsible, community-engaged approaches to algorithmic systems.

Principles and Performance Metrics Makerspace

Sera Linardi (EAAMO) and Michael Colaresi (RDS@Pitt)

One of the Social Indicators breakout table, moderated by Jason Beery (Equitable and Just Greater Pittsburgh) and Leah Jacobs (Pitt Social Work)

ACM EAAMO '25 Community Building

EAAMO '25 featured a Doctoral Consortium (DC) aimed at graduate students whose research interests intersect with the conference's themes. This program offered a structured forum for Ph.D. candidates to present their work through a poster session and connect with both peers and faculty mentors from diverse academic backgrounds. A highlight of the DC was the "**Social Impact Careers in 2025: A Multidisciplinary Panel**", featuring scholars from multiple disciplines and career stages. Panelists highlight how technical expertise can be combined with social science, policy, and community engagement to tackle real-world problems. They also discussed overcoming career challenges and the diversity of trajectories.

This year, the DC held a joint lunch with the Faculty Network at the conference - organized by Woojin Jung (Rutgers, Social Work), Faidra Monachou (Yale, Management), and Juba Ziani (Georgia Tech, Industrial Engineering). Kenya Andrews (Brown, Biostatistics) from the Decolonize STEM Working Group hosted a table on navigating equity and access research, with a particular focus on the use of terminology.

We also held a working group lunch, where representatives from each group hosted a table. The Inequality Working Group was represented by Serafina Kamp (Michigan, Social Work) and Ezinne Nwankwo (Berkeley, EECS), the Living Labs Working Group by Nami Yoo (Michigan, Social Work), Urban Data Science by Jenna Gosciak and Gabriel Agostini (Cornell Tech, CS), and Decolonize STEM by Kenya Andrews. Conference attendees had the opportunity to speak with representatives and learn about joining existing groups or starting new ones.

ACM EAAMO '25 Community Building

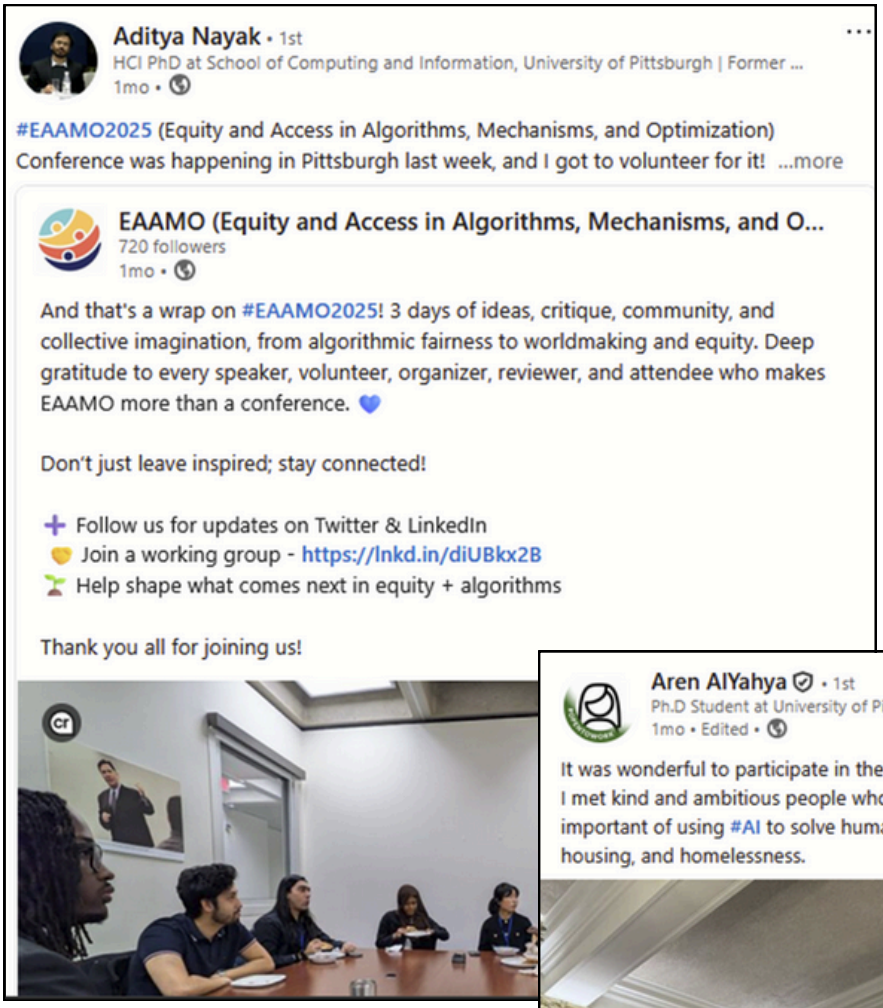
ACM EAAMO '25 Satellite Events

In addition to the main conference held at the University of Pittsburgh, EAAMO '25 cultivated a global community by organizing satellite events in multiple international hubs, including Cape Town and Oxford. The **EAAMO '25 | Cape Town** brought together researchers, students, and practitioners based in and around Cape Town who share the EAAMO mission of centering the perspectives and interests of marginalized groups in algorithmic, optimization, and resource allocation research. This local event provided space for regional engagement with EAAMO's core themes, fostered connections among African scholars and communities interested in equitable computational systems, and facilitated discussions tailored to the socio-technical contexts of the Global South.

Similarly, the **EAAMO '25 | Oxford** offered a forum for scholars across computer science, economics, and the wider social sciences to reflect on and contribute to the EAAMO agenda from a UK and European vantage point. This satellite gathering emphasized interdisciplinary dialogue on social good, bringing together local academics and students to explore how algorithmic and digitization frameworks intersect with issues of equity, access, and societal risk. Linking these regional events with the flagship program in Pittsburgh, including shared sessions like the Global Networking Hour, aimed at strengthened our international footprint and enabling broader participation in its mission beyond the central conference venue.

ACM EAAMO '25 Impressions

ACM EAAMO '25 Impressions



ACM EAAMO '25 Impressions

Working Groups

Working Groups Lead

MACKENZIE JORGENSEN
DIRECTOR OF
WORKING GROUPS

ALGORITHMS IN HOUSEHOLD FINANCE

The Algorithms in Household Finance Working Group focuses on the expanding role of algorithms and artificial intelligence in household financial decision-making, including how individuals save, borrow, invest, and interact with financial products. The group examines how advances in machine learning and automated decision systems are reshaping the design, pricing, and delivery of financial services, while raising critical questions about efficiency, fairness, consumer welfare, and regulatory oversight. By bringing together researchers and practitioners from economics, computer science, and policy, the group aims to better understand how algorithmic tools influence household well-being and financial inclusion, particularly for populations historically underserved by traditional financial systems.

The group began as a biweekly reading group, with initial sessions centered on credit scoring and automated underwriting. Recent and upcoming discussions draw on work examining manipulation-robust prediction in credit markets, fairness and bias in credit scoring models, and the labor- and welfare-market effects of automated underwriting. Additional readings explore the use of alternative data, such as mobile phone records, in credit assessment, as well as structural critiques of algorithmic lending practices that can entrench borrowers in subprime cycles. Collectively, these papers provide a foundation for interrogating how algorithmic finance systems can both expand access and reproduce inequality, setting the stage for future discussions on policy design, consumer protection, and the responsible deployment of AI in household finance.

ORGANIZER

MATTHEW OLCKERS

Decolonization of STEM Curriculum

The Decolonization of STEM Curriculum Working Group continues its work to examine how course syllabi reflect inclusive, diverse, and contextually grounded approaches to science and technology education. The group remains committed to challenging traditional STEM narratives by embedding justice, equity, and decolonial perspectives into teaching practices and content. This month, the group welcomed Dr. Renata Revelo Alonso, who shared her Critical Consciousness and Engineering Design Teaching Framework, offering valuable insights into how engineering education can foster reflection, agency, and transformation.

Currently, the group is developing a syllabi evaluation rubric rooted in principles of algorithmic fairness, with plans to expand this framework across disciplines, including data science, responsible AI, public policy, and economics. As part of this effort, they are actively seeking syllabi from a wide range of courses, regardless of department or institution, and are welcoming new members who share their commitment to rethinking how STEM is taught.

ORGANIZER

KENYA ANDREWS

Urban Data Science & Equitable Cities

Follow them on BlueSky

The Urban Data Science Working Group continued its examination of how data-driven methods, urban policy, and equity intersect in the design, analysis, and governance of cities. Through a series of talks and discussions, the group explored how computational tools can be used to understand and address structural inequalities in urban environments, with particular attention to climate resilience, public space, civic participation, and the politics of urban measurement.

Recent sessions featured research on targeted urban afforestation, demonstrating how strategic tree planting can substantially reduce income-based heat disparities across U.S. cities, highlighting the role of data-informed climate interventions in advancing environmental justice. The group also hosted *Studying the Street: Movement, Measurement, Contestation*, which examined how streets function as contested socio-technical spaces shaped by mobility, data collection, and power. Creative and participatory approaches to urban data were showcased through the *30 Day Map Challenge*, emphasizing experimentation and accessibility in spatial storytelling. In addition, *PUBLICSPEAK: Hearing the Public with a Probabilistic Framework* introduced methods for modeling and interpreting public input at scale, offering new perspectives on incorporating civic voice into urban decision-making. Together, these talks underscored the working group's commitment to combining rigorous data science with equity-centered urban inquiry.

ORGANIZERS

GABRIEL AGOSTINI

MATT FRANCHI

JENNAH GOSCIAK

INEQUALITY

The Inequality Working Group spent the Fall 2025 semester examining how algorithmic systems shape access to public benefits and how governance, procurement, and implementation choices can produce or conceal harms for low-income and marginalized populations. A central focus of the discussions was the rollout of automated systems in Medicaid and related public benefits programs, grounded in readings from *Health Affairs* on reducing coverage losses through policy design and automation. Presentations by Sam and Serafina explored how eligibility screening, renewals, and work requirements interact with automation at multiple stages of the policy pipeline, raising questions about when algorithmic accountability mechanisms are appropriate and how the joint effects of engineering decisions and policy design can be measured.

A parallel thread of the semester focused on public procurement and governance of AI systems in local governments, anchored by work from *Elise Silva* and *Beth Schwanke* on legacy procurement practices across U.S. cities. Drawing on interviews with city employees in seven municipalities, the group examined how informal purchasing pathways, trade secrecy claims, and limited in-house expertise constrain governments' ability to evaluate and govern algorithmic tools. Discussions highlighted persistent information asymmetries between vendors and agencies, the difficulty of accessing training data, performance metrics, and model documentation, and the limited effectiveness of existing fact-sheet approaches.

ORGANIZERS

SAMUEL TAGGART

SERAFINA KAMP

LIVING LABS WITH PRACTITIONERS

The Living Labs with Practitioners Working Group engages in co-experimentation with social impact practitioners through participatory and relationship-centered methods. Rather than treating interviews as extractive data collection exercises, the group approaches them as open-ended, exploratory dialogues that prioritize listening, trust-building, and shared sense-making. Members prepare by learning about each practitioner's background and domain, then conduct semi-structured conversations that allow practitioners to articulate their experiences, challenges, and reflections in their own terms. Follow-up engagements are encouraged to deepen mutual understanding and support sustained collaboration.

This practice-informed approach supports the group's broader research agenda of asking how AI systems of care can be responsibly developed for vulnerable and underserved communities, and what it means for such systems to be "safe enough" in real-world contexts. The work bridges generative AI, human–computer interaction, public policy, and the social sciences, translating practitioner insights into research questions, design principles, and empirical studies. In 2025, papers emerging from this collaborative process were accepted at leading venues including AAAI and APPAM, demonstrating the value of participatory methods in shaping impactful, interdisciplinary research.

ORGANIZERS

ASHLEY KHOR

Selected Readings and Videos

Communication Leads

RHEA TIBREWALA
DIRECTOR OF COMMUNICATIONS

FELIPE VERÁSTEGUI
COLLOQUIUM ORGANIZER

EAAMO Colloquium Talks

FRANCISCO A. GALLEGO
ECONOMICS INSTITUTE OF THE PONTIFICIA UNIVERSIDAD CATÓLICA (UC) DE CHILE

LIGHTS, CAMERA, SCHOOL: INFORMATION PROVISION THOUGH TELEVISION DURING COVID-19 TIMES

How can mass media and information provision help students stay in school during periods of extreme economic and social disruption? This question is at the center of Lights, Camera, School: Information Provision through Television during COVID-19 Times, a talk by Professor Francisco A. Gallego examining the educational impacts of a nationally broadcast telenovela in Peru during the COVID-19 pandemic. The study evaluates whether encouraging families to watch Decidiendo para un Futuro Mejor—a short television series designed to highlight the benefits of education and provide concrete information about wages and financial aid for higher education—can influence students' schooling decisions. Using a large-scale randomized controlled trial involving more than 80,000 families with high-school students, the research shows that simple encouragement phone calls led to a statistically and economically meaningful reduction in school dropout rates in 2021, with particularly strong effects in schools facing higher baseline dropout and poverty rates.

Francisco Gallego is a Full Professor at the Economics Institute of the Pontificia Universidad Católica de Chile, where he also serves as Provost for Institutional Management, and is a Fellow of the Econometric Society. His research lies at the intersection of development economics, political economy, and the economics of education, with a strong focus on how information shapes household decision-making.

YouTube link

EAAMO Colloquium Talks

ITAI ASHLAGI
STANFORD UNIVERSITY

CONGESTED WAITING LISTS AND ORGAN ALLOCATION

Each year in the United States, thousands of kidneys recovered from deceased donors are never transplanted, despite persistent shortages and long waiting lists. In Congested Waiting Lists and Organ Allocation, Professor Itai Ashlagi examines how this paradox can arise from the structure of waiting lists themselves. The talk introduces the idea of congestion in organ allocation, showing how time constraints interact with patients' incentives to hold out for higher-quality matches. Through a formal equilibrium framework, the research demonstrates that these congestion effects generate significant externalities, leading to inefficient allocation and unnecessary organ discards. The analysis also considers how specific design choices and recent policy changes influence congestion, and outlines market design interventions that could reduce waste and improve overall welfare.

Itai Ashlagi is a Professor in the Management Science & Engineering Department at Stanford University, where his work focuses on the design and analysis of complex marketplaces. Drawing on tools from game theory, operations research, and economics, he has made foundational contributions to matching markets, with particular impact on kidney exchange systems. His research has directly shaped real-world practice and has been recognized with the Franz Edelman Award. Professor Ashlagi received his PhD from the Technion–Israel Institute of Technology, previously served on the faculty at MIT Sloan, and was a postdoctoral researcher at Harvard Business School. He is also a recipient of the ACM Conference on Electronic Commerce Outstanding Paper Award, and his work is supported by the National Science Foundation, including an NSF CAREER Award.

EAAMO Colloquium Talks

CRIMINAL JUSTICE ALGORITHMS SESSION

This colloquium session explores the complex and often overlooked role of algorithmic decision-support tools in judicial and correctional settings, bringing together research insights, practitioner perspectives, and critical discussion. Following a research presentation and opening interventions, a moderated fireside chat will delve into pressing themes: the use cases and limitations of algorithms in courts, the risks of excessive focus on pretrial risk assessments, and the human impact when technology shapes outcomes in high-stakes contexts. Panelists will share anecdotes from “inside the room” to illustrate what is at stake, while also interrogating concerns about the erosion of human judgment, the normalization of “premade” algorithmic decisions, and the profit incentives that may distort justice. The discussion will also consider pathways toward more rehabilitative and constructive approaches, exploring whether algorithmic tools can be reoriented beyond risk prediction toward supporting fairer, more humane systems. Audience participation will be encouraged throughout, with closing reflections and a call to action to conclude.

YouTube link

A Justice Lens on Fairness and Ethics Courses in Computing Education: LLM-Assisted Multi-Perspective and Thematic Evaluation

We are proud to share one of the outputs of the Decolonization of STEM Curriculum working group. A new paper published on arXiv titled "**A Justice Lens on Fairness and Ethics Courses in Computing Education: LLM-Assisted Multi-Perspective and Thematic Evaluation.**"

This work is the result of a collaborative effort by Kenya S. Andrews (Brown University), Deborah Dormah Kanubala (Saarland University), Kehinde Aruleba (University of Leicester), Francisco Enrique Vicente Castro (New York University), and Renata A. Revelo (University of Illinois).

The paper examines how fairness, ethics, and justice are represented in AI and computing course syllabi across U.S. universities, with a particular focus on how these concepts are framed, prioritized, and operationalized in formal educational documents. It introduces a justice-oriented evaluation rubric designed to go beyond surface-level mentions of ethics and assess whether courses meaningfully engage with issues such as historical inequities, harm, accessibility, representation, and accountability. To enable systematic and scalable analysis, the study combines this rubric with large language models that simulate multiple evaluator perspectives—including instructors, departmental leadership, institutional reviewers, and external evaluators. This multi-perspective approach reveals both visible practices and hidden gaps in current curricula, highlighting how justice-oriented elements may be interpreted differently depending on institutional role and context. The findings offer concrete insights for educators and institutions seeking to design AI and computing courses that are not only technically rigorous, but also socially grounded, inclusive, and responsive to real-world impacts.

Read the paper

ALGORITHMS FOR ALTRUISM

(MEDIUM ARTICLE BY RHEA TIBREWALA)

In Algorithms for Altruism, the article summarzies Felix Brandt's colloquium talk by exploring how donor coordination mechanisms can make charitable giving both fairer and more effective by aggregating donors' preferences rather than leaving each contribution as an isolated act of generosity. Traditional giving platforms, like Amazon Smile or Italy's Cinque per Mille tax redirection, cluster donations around a few large charities, often overlooking smaller causes that many donors might collectively value. Professor Felix Brandt argues that this fragmentation stems not from a lack of generosity but from the absence of coordination; by enabling donors to express how much they care about multiple causes and designing mechanisms to allocate funds accordingly, philanthropy can better reflect collective priorities.

Brandt's work draws on concepts from economics and computer science to address three core questions: how to ensure efficiency (no waste in allocation), honesty (donors are incentivized to reveal true preferences), and equilibrium (donors stick with the suggested allocation). Under certain preference structures, especially when donors value balanced support across multiple causes, the Equilibrium Distribution Rule yields unique, stable allocations that maximize collective welfare while discouraging strategic misreporting. This approach reframes philanthropy as a collective decision problem, suggesting that coordinated platforms could help overlooked causes receive meaningful support without diminishing individual donor autonomy.

Read the article

Social Events & Community Building

EAAMO @INFORMS 2025

EAAMO community members (mostly Lily Xu) organized a meetup at INFORMS 2025, one of the world's premier conferences in operations research, management science, and analytics to strengthen connections around equity-centered research. INFORMS plays a central role in shaping the theory and practice of optimization, algorithms, and decision-making, core areas that closely align with EAAMO's mission of advancing equity and access in algorithmic systems.

With many EAAMO members already attending INFORMS, the meetup provided an informal space to reconnect, welcome new participants, share ongoing research and teaching efforts, discuss opportunities for collaboration, and reflect on how EAAMO's values can continue to inform work across the broader OR and analytics community.

Organization

Organizers

MACKENZIE JORGENSEN
DIRECTOR OF
WORKING GROUPS

EDWIN LOCK
DIR. OF PARTNERSHIP
(EUROPE)

FRANCISCO MARMOLEJO
DIR. OF PARTNERSHIP
(LATIN AMERICA)

MATTHEW OLCKERS
DIR. OF PARTNERSHIP
(AFRICA)

SANDRO RADOVANOVIĆ
DIRECTOR OF
OPERATIONS

ANA-ANDREEA STOICA
DIRECTOR OF
FINANCES

RHEA TIBREWALA
DIRECTOR OF
COMMUNICATIONS

FELIPE VERASTEGUI-GRUNEWALD
COLLOQUIUM
ORGANIZER

IF YOU ARE INTERESTED IN THIS MISSION

JOIN US!

For any questions or thoughts, contact us at bridges@eaamo.com. Share your suggestions for future colloquium speakers here.

Please share with us how you are, how formal policies and informal norms near you have affected you, and how you wish EAAMO can help.

AND FOLLOW US