

Graduate Summer School on Algorithmic Fairness

Monday July 11, 2022

- 8:00–9:00 *Check-In/Breakfast (Hosted by IPAM)*
- 9:00 *Cynthia Dwork (Harvard University & Microsoft) & Guy Rothblum (Apple MLR & The Weizmann Institute)*
- 9:15–10:15 **Cynthia Dwork** (Harvard University)
Group Fairness and Individual Fairness
- 10:15–10:45 *Break*
- 10:45–11:45 **Guy Rothblum** (Apple Inc.)
Group Fairness and Individual Fairness
- 12:00–2:00 *Lunch (on your own)*
- 2:00–3:00 **Cynthia Dwork** (Harvard University)
Individual Fairness
- 3:00–3:30 *Break*
- 3:30–4:30 **Guy Rothblum** (Apple Inc.)
Individual Fairness
- 5:00–6:30 *Reception (Location: IPAM Lobby)*

Tuesday July 12, 2022

- 8:00–9:00 *Check-In/Breakfast (Hosted by IPAM)*
- 9:00 *Cynthia Dwork (Harvard University & Microsoft) & Guy Rothblum (Apple MLR & The Weizmann Institute)*
- 9:15–10:15 **Cynthia Dwork** (Harvard University)
Affirmative action, Composition
- 10:15–10:45 *Break*
- 10:45–11:45 **Guy Rothblum** (Apple Inc.)
Affirmative action, Composition
- 12:00–2:00 *Lunch (on your own)*
- 2:00–3:00 **Cynthia Dwork** (Harvard University)
Scoring Functions
- 3:00–3:30 *Break*

(Tuesday schedule continued on next page)



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3:30–4:30 **Guy Rothblum** (Apple Inc.)
Scoring Functions

Wednesday July 13, 2022

8:00–9:00 *Check-In/Breakfast (Hosted by IPAM)*

9:00 *Cynthia Dwork (Harvard University & Microsoft) & Guy Rothblum (Apple MLR & The Weizmann Institute)*

9:15–10:15 **Cynthia Dwork** (Harvard University)
The Multi-X Framework

10:15–10:45 *Break*

10:45–11:45 **Guy Rothblum** (Apple Inc.)
The Multi-X Framework

12:00–2:00 *Lunch (on your own)*

2:00–3:00 **Cynthia Dwork** (Harvard University)
The Multi-X Framework

3:00–3:30 *Break*

3:30–4:30 **Guy Rothblum** (Apple Inc.)
The Multi-X Framework

Thursday July 14, 2022

8:00–9:00 *Check-In/Breakfast (Hosted by IPAM)*

9:15–10:15 **Noa Dagan** (Harvard Medical School)
Can we improve fairness for subpopulations by utilizing medical data?

10:15–10:45 *Break*

10:45–11:45 **Noa Dagan** (Harvard Medical School)
Pt. 2: Can we improve fairness for subpopulations by utilizing medical data?

12:00–2:00 *Lunch (on your own)*

2:00–3:00 **Sendhil Mullainathan** (University of Chicago)
Economic Fairness

3:00–3:30 *Break*

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3:30–4:30 **Sendhil Mullainathan** (University of Chicago)
Sendhil Mullainathan: economic fairness part 2

5:00–7:00 **Cynthia Dwork** (Harvard University)
Cynthia Dwork Green Family Lecture Series: “Fairness, Justice, and ... Algorithms?”

Friday July 15, 2022

8:00–9:15 *Check-In/Breakfast (Hosted by IPAM)*

9:15–10:15 **Ziad Obermeyer** (University of California, Berkeley (UC Berkeley))
Dissecting Algorithmic Bias

10:15–10:45 *Break*

10:45–11:45 **Ziad Obermeyer** (University of California, Berkeley (UC Berkeley))
Pt.2 Dissecting Algorithmic Bias

12:00–2:00 *Lunch (on your own)*

2:00–3:00 *Flipped class: Race, sex, and their isms*

3:00–3:30 *Break*

3:30–4:30 *Flipped class: Race, sex, and their isms*

