

CSAB'19

Complex systems perspectives on algorithmic bias On Twitter: #csab19

Session 1 - 8:30AM -10:15AM

8:30-9:00: *Introduction and outline*

9:00-9:50: *Keynote 1 - **Krishna Gummadi***

9:50-10:15: *Paper Presentations*

*How does Google know my gender if I didn't tell it? **Pelayo Vallina***

*Analysing Differences in Travel Time Prediction at Scale **Ben Wagner***

10:15-10:45: Coffee Break

Session 2 - 10:45AM - 12:30PM

10:45 AM - 11:45 AM: *Panel 1 - What is algorithmic bias?*

Brent Hecht, Pinar Barlas, Balazs Bodo, Ron Robertson

*Moderator: **Ancsa Hannak***

11:45-12:30: *Paper Presentations*

Debiasing Community Detection: The Importance of Lowly-Connected Nodes

Fred Morstatter

An empirically calibrated, counterfactual study of echo chambers

Christian Steglich

Auditing Autocomplete

Ron Robertson

Lunch (12:30PM-2:00PM) - External, but organized by workshop organizers

Session 2 - 2:00PM -3:45PM

2:00-2:10: *Recap of Morning*

2:10-3:00 *Keynote - **Seda Gürses***

3:00-3:45: *Panel 2 - Inequalities in online communities & their relation to algorithmic bias*

David Garcia, Agnes Horvat, Elisabeth Lex

*Moderator: **Brent Hecht***

Coffee break - (3:45PM-4:15PM)

Session 3 4:15PM - 6:00 PM

4:15 - 5:00: *Panel 3 - Complex Systems methods & their application to algorithmic bias*

Milena Tsvetkova, Christoph Stadtfeld, Sam Way** Moderator: **Kenny Joseph

5:00 - 6:00: *Wrapping up*