

II FATES on the web

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**2nd Workshop on
Fairness, Accountability,
Transparency, Ethics, and
Society on the Web**

April 20-21, 2020 | Taipei, Taiwan
co-located with The Web Conference

FATES statistics

We received 20 proposals for full, short and discussion papers from all around the world covering a broad range of topics. We evaluated them regarding relevance, quality, and novelty, selecting 11 papers: 7 full, 2 short and 2 discussion (these discussion papers will not appear in the proceedings) for an acceptance rate of 55%.

FATES will proudly host a keynote speech by Ricardo Baeza-Yates from NTENT, Northeastern University, Universitat Pompeu Fabra, and Universidad de Chile on “Biases and Social Media Data”.

Submission Type	Reviewed	Accepted	Acceptance rate
Full Technical Papers	9	7	77%
Short Technical Papers	5	2	40%
Discussion Papers	2	2	100%

Schedule

- 9.00 – 9.15 Welcome from Organisers
- 9.15- 10.30 SESSION 1: BIAS
- 9.15 – 9.30 [Beyond Next Step Bias: Trajectory Simulation for Understanding Recommender System Behavior](#) – *Sirui Yao (Virginia Tech), **Alex Beutel**, Jilin Chen, Xuezhi Wang, Yoni Halpern, Kang Lee, Flavien Prost, Ed H. Chi, Nithum Thain (Google)*
- 9.30 – 9.45 [Studying political bias via word embeddings](#) – ***Joshua Gordon**, Marzieh Babaeianjelodar, Jeanna Matthews (Clarkson University)*
- 9.45 – 10.00 [Mitigating Cognitive Biases in Machine Learning Algorithms for Decision Making](#) – ***Christopher G. Harris** (University of Northern Colorado)*
- 10.00 – 10.20 [Quantifying Gender Bias in Different Corpora](#) – ***Marzieh Babaeianjelodar**, Stephen Lorenz, Josh Gordon, Jeanna Matthews (Clarkson University), Evan Freitag (EGF Statistical Consulting)*
- 10.20 – 10.30 Full Session Question and Answer
- 10.30 – 11.00 COFFEE BREAK

Schedule

- 11.00 – 12.30 SESSION 2: FAIRNESS
- 11.00 – 11.20 [A Unifying Framework for Fairness-Aware Influence Maximization](#) – **Golnoosh Farnadi** (*Mila/University of Montreal*), *Behrouz Babaki, Michel Gendreau (Polytechnique Montreal)*
- 11.20 – 11.40 [Convex Fairness Constrained Model Using Causal Effect Estimators](#) – **Hikaru Ogura** (*The University of Tokyo*), *Akiko Takeda (The University of Tokyo, RIKEN)*
- 11.40 – 12.00 [Fairness of Classification Using Users' Social Relationships in Online Peer-To-Peer Lending](#) – **Yanying Li**, *Wendy Hui Wang, Yue Ning, Rong Liu, Ying Wu (Stevens Institute of Technology)*
- 12.00 – 12.20 [Fairness through Equality of Effort](#) – *Wen Huang, Yongkai Wu, Lu Zhang, Xintao Wu (University of Arkansas)*
- 12.20 – 12.30 Full Session Question and Answer
- 12.30 – 14.00 LUNCH

Schedule

- **14.00 – 15.30 INVITED TALK**
- 14.00 – 15.00 Keynote Talk “[Biases and Social Media Data](#)” by Ricardo Baeza-Yates
- 15.00 – 15.30 Question and Answer, Discussion of Cross-Cutting Themes
- 15.30 – 16.00 COFFEE BREAK
- 16.00 – 17.30 SESSION 3: CASE STUDIES
- 16.00 – 16.15 [Accountable AI? Don't forget the supply chain!](#) – **Jatinder Singh** (*University of Cambridge*)
- 16.15 – 16.30 [Avoiding Disparate Treatment in Mitigating Disparate Impact](#) – **Manish Raghavan**, *Briana Vecchione* (*Cornell University*)
- 16.30 – 16.50 [Representativeness of Abortion Legislation Debate on Twitter: A Case Study in Argentina and Chile](#) – *Eduardo Graells-Garrido* (*Barcelona Supercomputing Center, Universidad del Desarrollo*), *Ricardo Baeza-Yates* (*NTENT, Northeastern University, Universitat Pompeu Fabra, Universidad de Chile*), *Mounia Lalmas* (*Spotify*)
- 16.50 – 17.00 Full Session Question and Answer
- 17.00 – 17.30 Final remarks from Organisers, Discussion of Cross-Cutting Themes

Q&A Online Session

- We are planning a Q&A Online Session for next week.
- If you are interested, please write your e-mail contact in the chat, so we can let you know as soon as we confirm date/time with authors.

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