II FATES on the web

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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”.

<table>
<thead>
<tr>
<th>Submission Type</th>
<th>Reviewed</th>
<th>Accepted</th>
<th>Acceptance rate</th>
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</thead>
<tbody>
<tr>
<td>Full Technical Papers</td>
<td>9</td>
<td>7</td>
<td>77%</td>
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<tr>
<td>Short Technical Papers</td>
<td>5</td>
<td>2</td>
<td>40%</td>
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<tr>
<td>Discussion Papers</td>
<td>2</td>
<td>2</td>
<td>100%</td>
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</tbody>
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Schedule

- 9.00 – 9.15 Welcome from Organisers

- 9.15-10.30 SESSION 1: BIAS


  - 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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