

**Social Computing -- Class Test 3**  
**Thursday, November 19, during class hours**

**Syllabus for the test will be the following papers**

Id	Paper	Topic
1	Auditing the Personalization and Composition of Politically-Related Search Engine Results Pages <a href="https://personalization.ccs.neu.edu/static/pdf/robertson-www18.pdf">https://personalization.ccs.neu.edu/static/pdf/robertson-www18.pdf</a>	Search and Recommendation
2	Fairness-Aware Ranking in Search & Recommendation Systems with Application to LinkedIn Talent Search <a href="https://arxiv.org/abs/1905.01989">https://arxiv.org/abs/1905.01989</a>	Search and Recommendation
3	An Empirical Analysis of Algorithmic Pricing on Amazon Marketplace <a href="https://dl.acm.org/doi/abs/10.1145/2872427.2883089">https://dl.acm.org/doi/abs/10.1145/2872427.2883089</a>	E-commerce sites
4	Addressing Marketing Bias in Product Recommendations <a href="https://dl.acm.org/doi/10.1145/3336191.3371855">https://dl.acm.org/doi/10.1145/3336191.3371855</a>	E-commerce sites
5	Exploring the Filter Bubble: The Effect of Using Recommender Systems on Content Diversity <a href="https://dl.acm.org/doi/pdf/10.1145/2566486.2568012">https://dl.acm.org/doi/pdf/10.1145/2566486.2568012</a>	Echo chambers / filter bubbles
6	Auditing Partisan Audience Bias within Google Search <a href="https://dl.acm.org/doi/abs/10.1145/3274417">https://dl.acm.org/doi/abs/10.1145/3274417</a>	Echo chambers / filter bubbles
7	The Geographic Spread of COVID-19 Correlates with the Structure of Social Networks as Measured by Facebook <a href="https://www.nber.org/papers/w26990.pdf">https://www.nber.org/papers/w26990.pdf</a>	COVID and social media
8	Current State of Text Sentiment Analysis from Opinion to Emotion Mining <a href="https://dl.acm.org/doi/pdf/10.1145/3057270">https://dl.acm.org/doi/pdf/10.1145/3057270</a>	Sentiment/Opinion Analysis
9	A survey of multimodal sentiment analysis <a href="https://ibug.doc.ic.ac.uk/media/uploads/documents/multi_modal.pdf">https://ibug.doc.ic.ac.uk/media/uploads/documents/multi_modal.pdf</a>	Sentiment/Opinion Analysis
10	Unification of theoretical approaches for epidemic spreading on complex networks <a href="#">link</a>	Epidemic / Convention Spreading