CSC 450**, Senior Research**

**Selecting References**

A research article not only describes the research being carried out by the authors, but also puts the research in the context of related work, as it relates to background, significance, the methodology, similar studies, and supportive or contradictory findings.

Assignment: For each article and listed reference, explain (1) the context in which the reference was cited, and (2) the reason *why* the reference is cited.

1. **A Cellular Automaton Model of Traffic Flow** - <https://gdancik.github.io/CSC-450/data/hw/Finner_and_Beauregard.pdf>
   1. **[**2] Bellomo, N., Delitala, M., and Coscia, V. (2002) On the mathematical theory of vehicular tra c flow i. fluid dynamic and kinetic modelling, *Mathematical Models and Methods in Applied Sciences 12*, 1801–1843.
   2. [3] Biham, O., Middleton, A. A., and Levine, D. (1992) Self-organization and a dynamical transition in tra c-flow models, *Phys Rev A 46*, R6124–R6127.
   3. [5] Brockfeld, E., Barlovic, R., Schadschneider, A., and Schreckenberg, M. (2001) Optimizing tra c lights in a cellular automaton model for city tra c, *Phys Rev E Stat Nonlin Soft Matter Phys 64*, 056132.
2. **Experimental evidence of massive-scale emotional contagion through social networks** - <https://gdancik.github.io/CSC-450/data/hw/FB.pdf>
   1. (3) Fowler JH, Christakis NA (2008) Dynamic spread of happiness in a large social network: Longitudinal analysis over 20 years in the Framingham Heart Study. BMJ 337:a2338.
   2. (9) Pennebaker JW, Chung CK, Ireland M, Gonzales A, Booth RJ (2007) The development and psychological properties of LIWC2007. Available at http://liwc.net/howliwcworks. php. Accessed May 10, 2014.
   3. (10) Golder SA, Macy MW (2011) Diurnal and seasonal mood vary with work, sleep, and daylength across diverse cultures. Science 333(6051):1878–1881.
   4. (8). Kramer ADI (2012) The spread of emotion via Facebook. Proc CHI (Association for Computing Machinery, New York), pp 767–770.
   5. (15). Bond RM, et al. (2012) A 61-million-person experiment in social influence and political mobilization. Nature 489(7415):295–298.
3. **Measuring User Confidence in Smartphone Security and Privacy -** <https://people.eecs.berkeley.edu/~daw/papers/confidence-soups12.pdf>
   1. [5]  Pew: Smartphones overtake feature phones among adults in the U.S. http://www.bgr.com/2012/03/02/pew- smartphones-overtake-feature-phones- among-adults-in-the-u-s/.
   2. [23]  A. Felt, M. Finifter, E. Chin, S. Hanna, and D. Wagner. A survey of mobile malware in the wild. In *Proc. of the 1st ACM Workshop on Security and Privacy in Smartphones and Mobile Devices (SPSM)*, 2011.
   3. [39]  R. Wash. Folk models of home computer security. In *Proc. of the Symposium on Usable Privacy and Security (SOUPS)*, 2010.
   4. [16]  R. Boehme and S. Kopsell. Trained to accept?: A field experiment on consent dialogs. In *Proc. of ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)*, 2010.
   5. [37]  I. Traore and A. Ahmed. Continuous authentication using biometrics: Data, models, and metrics. http://my.safaribooksonline.com/book/- /9781613501290.