1096-68-2249	**John Ensley\*** (`john_ensley@brown.edu`), **James Abello** and **Mika Sumida**. *My Life as a Tweet Word.*

Using selected topics of current interest on Twitter, we address the problem of visualizing an associated time varying graph for which data is being collected in a streaming fashion. We collect and analyze tweets relating to a common topic and display keywords in those tweets in a visually appealing manner. We use a novel edge decomposition of the associated graph ([1]). Nodes are assigned a value based on the Shannon's entropy of their adjacency degrees in the different layers of the decomposition. This value is used to determine the most "salient" words in the graph. Words appearing more consistently through time are displayed in a complementary "persistence diagram".

[1] J. Abello and F. Queroy, Fixed Points of Degree Peeling, Proceedings of ASONAM, Niagara Falls, August 2013. (Received September 17, 2013)