1125-94-658 **Michelle R DeDeo*** (mdedeo@unf.edu), 1 UNF Dr., Dept of Math & Stat, Jacksonville, FL 32224. *An alternative perspective for EEG data analysis.* Preliminary report.

Methods from graph theory have been valuable in analyzing connectivity of real world networks such as EEGs and fMRIs. In this talk we compare different how parameters such as characteristic path length, global efficiency, local efficiency, and the clustering coefficient are used to analyze brain connectivity as well as propose an alternative way of thinking about the data. (Received September 08, 2016)