1116-VF-7   **Darren Narayan*** (`dansma@rit.edu`), School of Mathematical Sciences, Rochester Institute of Technnology, Rochester, NY 14623-5604. *Graph theory metrics for analyzing functional MRI data and brain connectivity.*

We will present several graph theory metrics related to graph connectivity and show how they can be applied to analysis of functional MRI data. Our analysis will also include the use of temporal/dynamic networks which are more appropriate for studying changes in the brain over a time courses of data. (Received May 02, 2015)