1143-13-450 **Kathryn Nicole Burton*** (kburton@nd.edu). *Generalized Cluster Structures Compatible with the Cremmer-Gervais Poisson Bracket on Rectangular Matrices.* Preliminary report.

Gekhtman, Shapiro, and Vainshtein have conjectured that there exists a classification of regular cluster structures on simple complex Lie groups that is completely parallel to the Belavin-Drinfeld classification. In my talk, I will outline a construction of an initial cluster for a generalized cluster structure on the space of rectangular $m \times n$ matrices that is compatible with the restriction of the Cremmer-Gervais Poisson bracket on GL_n. (Received August 20, 2018)