1138-35-369   **Yuanzhen Shao*** (`yshao@georgiasouthern.edu`), 65 Georgia Ave., Room 3041, Statesboro, GA 30460-8093, and **Changyou Wang**. *The harmonic map heat flow on conic manifolds.*

The aim of this talk is to discuss the evolution of the harmonic map heat flow from a manifold with conic singularities to a closed manifold. In particular, I will present the short time existence and uniqueness of solutions as well as the existence of global solutions into manifolds with non-positive sectional curvature. (Received February 13, 2018)