Aprameyan Parthasarathy Title: Scattering poles for rank one symmetric spaces

Abstract: Taking a harmonic analytic viewpoint to scattering theory on symmetric spaces in the spirit of Semenov Tian-Shansky, we will discuss the correspondence between scattering poles and the poles of the resolvent of the Laplacian for rank one symmetric spaces. This is joint work with Sanke Hansen and Joachim Hilgert.