## ON THE PAIR CORRELATION OF REAL VALUED VECTOR SEQUENCES

SHIVANI GOEL (Indraprastha Institute of Information Technology, Delhi)

ABSTRACT: In this talk we generalize the work of Boca and Zaharescu on local statistics of integer valued vector sequences and investigate the pair correlation function for real valued vector sequences. We show Poissonian behavior of the pair correlation function for certain classes of real valued vector sequences.

