ZHIGUO HU, University of Windsor
An Eberlein theorem over locally compact quantum groups

A theorem by W. F. Eberlein shows that every positive definite function on a locally compact group is weakly almost periodic. In this talk, we will extend this theorem of Eberlein to all locally compact quantum groups, and some applications will also be discussed. This is joint work with M. Neufang and Z.-J. Ruan.