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*Density and equidistribution of closed geodesics and stationary geodesic nets*

This talk will be about the distribution of closed geodesics and stationary geodesic nets in a closed Riemannian manifold  $(M, g)$ . When  $\dim(M) = 2$ , together with Xinze Li we could prove that for a generic metric  $g$ , there exists an equidistributed sequence of closed geodesics in  $(M, g)$ . When  $\dim(M) \geq 3$ , in collaboration with Yevgeny Liokumovich we showed that stationary geodesic nets (which are analogs of closed geodesics whose domain is a graph instead of a circle) are dense. In fact, one can obtain generic equidistribution of these objects. The main tools used to prove these results were the Almgren Pitts Min-Max Theory (in particular the Weyl Law for the Volume Spectrum) and a Structure Theory for stationary geodesic nets analogous to that of Brian White for minimal submanifolds.