

Speaker: Jean-Pierre Labesse

Title: Twisted Trace Formula : history, proof and applications

Abstract: The twisted version of the Arthur-Selberg Trace Formula together with its stabilization, is the main technical tool for Base Change and many more recent advances by J. Arthur and others on cases of Langlands functoriality. After a brief historical survey we shall explain some of the main steps in the proof of the Twisted Trace Formula itself and its stabilization.