Lie Group and Representation Theory Seminar

Date: November 26 (Fri) 16:30–17:30
Place: RIMS Room 402
Speaker: Birgit Speh (Cornell)
Title: Convergence of the spectral side
            of the Arthur Selberg trace formula

Abstract:

   The Arthur trace formula is an identity between distributions indexed by spectral data on one side and geometric data on the other side. On the spectral side this leads to an integral-series that is only known to converge conditionally. The absolute convergence has been reduced by W. Müller to a problem about local components of automorphic representations. I will discuss these local problems and show how they can be solved for GL_n