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*Subconvexity for  $L$ -functions of Hilbert modular forms*

This talk explores the subconvexity problem for  $GL_2$   $L$ -functions, a central challenge in analytic number theory. After outlining key developments in the field, I will discuss ongoing joint work with Keshav Aggarwal, focusing on refining approaches to this problem and improving bounds, particularly in the setting of totally real number fields.