

Recent developments for p-adic families automorphic forms and L-functions, in the context of unitary groups

Tuesday, October 15, 2019 9:30 AM (1 hour)

The p-adic theory of modular forms plays a key role in modern number theory. Geometric developments have enabled vast expansion of Serre's original notion of p-adic modular forms, including by Hida to the case of automorphic forms on unitary groups. This talk will introduce some challenges that arise in the setting of unitary groups, recent efforts to overcome them, and applications.

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