COLLOQUIUM

Some arithmetic objects in discrete series representations of p-adic groups

Kwangho Choiy

Assistant Professor, Department of Mathematics, SIUC

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Neckers 156
Time: 3:00pm
Reception immediately following in the math library.

Abstract:

Studying some classes of representations of a p-adic group, we encounter some interesting arithmetic objects in it. In this talk, we shall focus on discrete series representations that are simply related to L^2-space, introduce some arithmetic objects including their multiplicities in the restriction and formal degrees. We also discuss their connections to the local Langlands correspondence of p-adic groups.

**This talk will begin with basic concepts and backgrounds that are accessible to undergraduate and early-year graduate students.

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