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Fecha: Lunes 13 de agosto 2018

Hora: 15:30-16:30

Lugar: IMA PUCV, Sala 2-2

Title: Local Langlands correspondence for classical groups and affine Hecke algebras

Abstract: The smooth complex representations of a p -adic group are supposed to be related to representations of certain affine Hecke algebras. This is known in many cases and in general conjectural. In this talk, I will first recall the link between affine Hecke algebras and smooth complex representations of a p -adic classical group that I established earlier and show then, with help of results of C. Mœglin, that the category of smooth complex representations of a p -adic group and its inner forms decomposes naturally in subcategories which are equivalent to tensor products of categories of unipotent representations of classical groups (in the sense of G. Lusztig). Unipotent representations of any classical groups (orthogonal, symplectic and unitary) do appear in this context for a fixed classical group.

<http://seminarioaritmetygeometria.wordpress.com>

