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**Speaker:** Raf Cluckers  
Universite de Lille, France

Thursday, October 14, 2010  
1:00 PM  
117 Hayes-Healy Hall

**Title:** Motivic integration and two transfer principles

**Abstract:**

I will speak about motivic integration and the two transfer principles, where the first is obtained in joint work with F. Loeser (Annals of Math 2010), and the second is work in progress with I. Halupczok and J. Gordon. Where the first transfer principle allows one to change the characteristic when studying equalities of integrals, the second one allows one to change the characteristic for integrability conditions. Both transfer principles have different applications in the Langlands program.