

Algebra Seminar

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**Wednesday, January 29, 2014
1:00p.m., HH-3017**

*Classification of p -nilpotent restricted Lie algebras
of dimension at most 4*

Abstract:

I talk about the classification of p -nilpotent restricted Lie algebras of dimension at most four over a perfect field of characteristic p . I will mention the classification of nilpotent Lie algebras of low dimension and the difficulties one might face trying to define and classify all possible p -maps on a given nilpotent Lie algebra. This is a joint work with Csaba Schneider.