ALGEBRA SEMINAR

A *taste of algebraic geography*, Part 1

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ABSTRACT: The goal of this short mini-course (three or four lectures) will be to explain the following result of D. Stefan: *up to isomorphism, there are only finitely many bi-semisimple Hopf algebras of a given dimension.* All terms in this statement will be explained as will be the main lines of the proof, which involves both algebraic geometry and cohomology. The lectures are intended as an introduction to these areas that should be accessible to graduate students.

MONDAY, MARCH 12, 2012
1:40 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS