Algebra Seminar

Wednesday, July 31, 1 p.m.
HH-3017

Leandro Vendramin (University of Buenos Aires, Argentina)

Nichols algebras with many quadratic relations

Abstract: We classify Nichols algebras of irreducible Yetter-Drinfeld modules over groups such that the homogeneous component of degree two of the Nichols algebra satisfies a given inequality. This assumption turns out to be equivalent to a nice factorization assumption on the Hilbert series. The talk is based on a joint work with M. Graña and I. Heckenberger.