Nichols algebras with finite Gelfand-Kirillov dimension

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Joint work with Iván Angiono and István Heckenberger.

In previous work we have described several families of Nichols algebras with finite Gelfand-Kirillov dimension over abelian groups which are not of diagonal type. In this talk we will show that many of these families give new examples of finite-dimensional Nichols algebras in positive characteristic by considering the analogous braided vector spaces.