

## On infinite Weyl groupoids

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Finite Weyl groupoids have been introduced as a tool to classify finite dimensional Nichols algebras. However, a Weyl groupoid may be associated to an arbitrary Nichols algebra. A first step towards a classification of infinite dimensional Nichols algebras is perhaps to understand Weyl groupoids with an infinite root system: In this talk, we report on the so-called infinite crystallographic arrangements, their correspondence to Weyl groupoids, and about first classification results.