

**Fields Institute Workshop Jordan Algebras and Related Fields**  
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*Classification of indecomposable Jordan bimodules (Jordan algebras versus associative algebras)*

This is joint work with Iryna Kashuba and Sergei Ovsienko. The talk is devoted to the problem of classification of indecomposable Jordan bimodules over finite dimensional Jordan algebras. We introduce two new notions for Jordan algebras: a diagram and a tensor algebra of a module, which prove to be very useful. In particular, we classify half-unital (or one-sided) representation type for Jordan matrix algebras with radical square zero. The results obtained are quite similar to the corresponding classical results for associative algebras.