Algebra Seminar

Speaker

Mr. Caio De Naday Horndardt

Wednesday, March 1, 2017
1:00-2:00pm, HH-3017

Group Gradings on Matrix Superalgebras

Abstract:
The investigation of the group gradings on Lie superalgebras led us to revisit the group gradings on (associative) matrix superalgebras. A description of all possible group gradings on matrix superalgebras was given by Bahturin and Shestakov in 2006, but with no classification results. In this talk, we will present an alternative description and a classification up to isomorphism. Work together with Helen Samara Dos Santos and Mikhail Kochetov.