Event details:

**The Weizmann Institute of Science**

**Faculty of Mathematics and Computer Science**

**Algebraic Geometry and Representation Theory Seminar**

Room 155, Ziskind Building

on Friday, Jan 04, 2019

at 11:15

**NOTE SPECIAL DAY**

Vera Serganova

Berkeley

Support varieties for supergroups

**Abstract:**

We define a functor from the category of representations of algebraic supergroups with reductive even part to the category of equivariant sheaves and show several applications of this construction to representation theory, in particular projectivity criterion, classification of blocks and computation of dimensions of irreducible representations.