

**UBC Seminar of algebraic groups, Galois
cohomology and related topics
Wednesday, February 25, 10-10:50am, Room TBA.**

Speaker: Stefan Gille (University of Munich)

Title: Rost cycle modules and sheaves with transfers

Abstract: In this talk I will explain the relation between Voevodky's sheaves with transfers and the cycle modules of Rost. This relation is useful to compute the Zariski cohomology of sheaves with transfer. We will illustrate this by the example of such sheaves over split semisimple algebraic groups. On the way I will also define Voevodky's category of effective motives, and (if time permits) give an example of the different behavior of the Zariski cohomology of sheaves without transfer over split semisimple algebraic groups.