1056-20-502 **Victor Ostrik*** (vostrik@uoregon.edu), 1222 University St, Department of Mathematics, University of Oregon, Eugene, OR 97403. *Blocks in Deligne's category $Rep(S_t)$.*

I will report on my joint work with J.Comes. Recently Deligne introduced the tensor category $Rep(S_t)$ which depends on a complex parameter t and in a certain sense interpolates the representation categories of the symmetric groups. When t is not a nonnegative integer, $Rep(S_t)$ is a semisimple category. When t is a nonnegative integer, $Rep(S_t)$ is a non-semisimple non-abelian category. In this talk I will define the category $Rep(S_t)$ for arbitrary t, and describe its structure in the non-semisimple cases. (Received September 10, 2009)