Title: *Character theory for stacks.*

**Abstract:** Given a locally constant stack $S$ on a topological space $X$, its character is an equivariant locally constant sheaf on the loop space of $X$ (in the case of $X = BG$ for a given complex Lie group $G$, this is a very simple character sheaf on $G$). This is defined by means of Ganter-Kapranov’s categorical character applied to the 2-monodromy representations of $S$. In this talk I will recall the character construction and show the behavior of the 2-monodromy representation and of its character under the direct image by a Serre fibration. (Joint work with Delphine Dupont)