

1077-18-1607 **Jonny Comes*** (jcomes@clark.edu). *Ideals in Deligne's $\underline{\text{Rep}}(GL_\delta)$.*

I will begin this talk with a definition of Deligne's tensor category $\underline{\text{Rep}}(GL_\delta)$ for arbitrary complex δ . I will then describe the indecomposable objects in that category and explain how the category is related to representations of general linear supergroups. Lastly, I will report on recent results concerning the tensor ideals of $\underline{\text{Rep}}(GL_\delta)$. (Received September 21, 2011)