



## MANHATTAN ALGEBRA DAY

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### *Invariant random subgroups of simple locally finite groups*

Friday, December 9, 2016  
CUNY Graduate Center, Room C-201  
4:30pm

*Abstract:*

Let  $G$  be a countably infinite group and let  $\text{Sub}_G$  be the compact space of subgroups  $H \leq G$ . Then a probability measure  $\nu$  on  $\text{Sub}_G$  which is invariant under the conjugation action of  $G$  on  $\text{Sub}_G$  is called an *invariant random subgroup*. In this talk, I will discuss the invariant random subgroups of simple locally finite groups and their relationship to the characters of these groups.