



UC3M-ICMAT Seminar – 2014

## Applied Probability and Statistics

### Probability measures on partitions and random matrix ensembles

Miguel TIERZ (UCM, Madrid, Spain)

Wednesday, April 2, 2014  
11h00, *ICMAT, Aula Gris I*

We introduce several probability measures on the set of partitions of non-negative integers and study their intimate relationship with random matrix ensembles. We show that this provides a framework that encompasses several problems in gauge theory and gives a stochastic interpretation for them.

Instituto de Ciencias Matemáticas  
Campus de Cantoblanco UAM  
C/ Nicolás Cabrera 13-15  
28049 Madrid, Spain  
[www.icmat.es](http://www.icmat.es)