

1131-11-330 **Riad Masri*** (masri@math.tamu.edu), **Adrian Barquero-Sanchez** and **Frank Thorne**. *The distribution of G -Weyl CM fields and the Colmez conjecture.*

In this talk, we will describe a connection between the arithmetic statistical problem of counting number fields of fixed degree and bounded discriminant with prescribed Galois group, and the Colmez conjecture. (Received July 18, 2017)