

Chilean Probability Seminar

Orador: Luis Fredes (Institute de mathématiques de Bordeaux, Francia).

Título: Sharp large deviation principles for descents of random permutations.

Resumen: A permutation π_n of size n is said to have a descent at position k if $\pi_n(k) > \pi_n(k+1)$. We define D_n as the number of descents of π_n , and D_n' as the number of descents of π_n^{-1} , the inverse permutation of π_n . In this talk, I will present recent developments regarding the sharp large deviations for D_n and for the pair (D_n, D_n') , along with other probabilistic results when π_n is taken uniformly at random from S_n , the set of permutations of size n . Work in collaboration with B. Bercu, M. Bonnefont, and A. Richou.

El enlace para conectarse al seminario es:

Unirse a la reunión Zoom

<https://reuna.zoom.us/j/84521834914?pwd=OTZ6Y0NWM3pYTGtTbEt3c0luTG96UT09>

Modalidad híbrida en la sala Multimedia CMM, Beauchef 851, Torre Norte Piso 6.
Miércoles 15 de Abril a las 16:15 hrs.

